

Tue Jun 8 09:37:53 2004

us-10-017-084a-522.rmpb

Page 1

GenCore version 5.1.6
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OM nucleic - nucleic search, using sw model

Run on: June 8, 2004, 07:21:12 ; Search time 763 Seconds
(without alignments)
4.158 Million cell updates/sec

Title: US-10-017-084a-522

Perfect score: 1679
Sequence: 1 gttgtccttcacgcaaac.....ataaagagcaaaaaaa 1679

Scoring table: IDENTITY NUC
Gapop 10.0 , Gapext 0.5

Searched: 562 segs, 944762 residues

Total number of hits satisfying chosen parameters: 1124

Minimum DB seq length: 0
Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 562 summaries

Database : rmpb522.seq:*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	1679	100.0	1679	1	US-10-013-921A-522 Sequence 522, App
2	1679	100.0	1679	1	US-10-123-108-375 Sequence 375, App
3	1679	100.0	1679	1	US-10-123-336-375 Sequence 375, App
4	1679	100.0	1679	1	US-10-123-261-375 Sequence 375, App
5	1679	100.0	1679	1	US-10-140-921-375 Sequence 375, App
6	1679	100.0	1679	1	US-10-140-928-375 Sequence 375, App
7	1679	100.0	1679	1	US-10-216-159A-125 Sequence 125, App
8	1679	100.0	1679	1	US-10-013-929A-522 Sequence 522, App
9	1679	100.0	1679	1	US-10-016-177A-522 Sequence 522, App
10	1679	100.0	1679	1	US-10-121-045-375 Sequence 375, App
11	1679	100.0	1679	1	US-10-123-292-375 Sequence 375, App
12	1679	100.0	1679	1	US-10-123-903-375 Sequence 375, App
13	1679	100.0	1679	1	US-10-124-819-375 Sequence 375, App
14	1679	100.0	1679	1	US-10-124-822-375 Sequence 375, App
15	1679	100.0	1679	1	US-10-140-923-375 Sequence 375, App
16	1679	100.0	1679	1	US-10-160-498-375 Sequence 375, App
17	1679	100.0	1679	1	US-10-218-849-125 Sequence 125, App
18	1679	100.0	1679	1	US-10-227-873-125 Sequence 125, App
19	1679	100.0	1679	1	US-10-227-883-125 Sequence 125, App
20	1679	100.0	1679	1	US-10-124-824-375 Sequence 375, App
21	1679	100.0	1679	1	US-10-127-825A-375 Sequence 375, App
22	1679	100.0	1679	1	US-10-127-829A-375 Sequence 375, App
23	1679	100.0	1679	1	US-10-127-835A-375 Sequence 375, App
24	1679	100.0	1679	1	US-10-127-901A-375 Sequence 375, App
25	1679	100.0	1679	1	US-10-128-693A-375 Sequence 375, App
26	1679	100.0	1679	1	US-10-131-813A-375 Sequence 375, App
27	1679	100.0	1679	1	US-10-131-818A-375 Sequence 375, App
28	1679	100.0	1679	1	US-10-131-823A-375 Sequence 375, App
29	1679	100.0	1679	1	US-10-131-824A-375 Sequence 375, App
30	1679	100.0	1679	1	US-10-131-830A-375 Sequence 375, App
31	1679	100.0	1679	1	US-10-131-837A-375 Sequence 375, App
32	1679	100.0	1679	1	US-10-137-872A-375 Sequence 375, App
33	1679	100.0	1679	1	US-10-137-872A-375 Sequence 375, App

107	1679	100.0	1679	1	US-10-127-834A-375	Sequence 375, App	180	1679	100.0	1679	1	US-10-229-974-125	Sequence 125, App
108	1679	100.0	1679	1	US-10-127-836A-375	Sequence 375, App	181	1679	100.0	1679	1	US-10-230-024-125	Sequence 125, App
109	1679	100.0	1679	1	US-10-127-841A-375	Sequence 375, App	182	1679	100.0	1679	1	US-10-230-113-125	Sequence 125, App
110	1679	100.0	1679	1	US-10-127-844A-375	Sequence 375, App	183	1679	100.0	1679	1	US-10-230-183-125	Sequence 125, App
111	1679	100.0	1679	1	US-10-128-687A-375	Sequence 375, App	184	1679	100.0	1679	1	US-10-230-234-125	Sequence 125, App
112	1679	100.0	1679	1	US-10-128-688A-375	Sequence 375, App	185	1679	100.0	1679	1	US-10-230-306-125	Sequence 125, App
113	1679	100.0	1679	1	US-10-128-689A-375	Sequence 375, App	186	1679	100.0	1679	1	US-10-230-432-125	Sequence 125, App
114	1679	100.0	1679	1	US-10-128-694A-375	Sequence 375, App	187	1679	100.0	1679	1	US-10-230-447-125	Sequence 125, App
115	1679	100.0	1679	1	US-10-131-825A-375	Sequence 375, App	188	1679	100.0	1679	1	US-10-230-433-125	Sequence 125, App
116	1679	100.0	1679	1	US-10-230-417-375	Sequence 375, App	189	1679	100.0	1679	1	US-10-230-438-125	Sequence 125, App
117	1679	100.0	1679	1	US-10-219-003-125	Sequence 125, App	190	1679	100.0	1679	1	US-10-232-222-125	Sequence 125, App
118	1679	100.0	1679	1	US-10-219-075-125	Sequence 125, App	191	1679	100.0	1679	1	US-10-232-422-125	Sequence 125, App
119	1679	100.0	1679	1	US-10-219-464-125	Sequence 125, App	192	1679	100.0	1679	1	US-10-192-007-375	Sequence 375, App
120	1679	100.0	1679	1	US-10-219-466-125	Sequence 125, App	193	1679	100.0	1679	1	US-10-192-007-375	Sequence 375, App
121	1679	100.0	1679	1	US-10-219-479-125	Sequence 125, App	194	1679	100.0	1679	1	US-10-194-359-375	Sequence 375, App
122	1679	100.0	1679	1	US-10-219-481-125	Sequence 125, App	195	1679	100.0	1679	1	US-10-226-733-103	Sequence 103, App
123	1679	100.0	1679	1	US-10-230-260-125	Sequence 125, App	196	1679	100.0	1679	1	US-10-223-084-55	Sequence 55, App
124	1679	100.0	1679	1	US-10-232-231-125	Sequence 125, App	197	1679	100.0	1679	1	US-10-223-088-55	Sequence 55, App
125	1679	100.0	1679	1	US-10-232-233-125	Sequence 125, App	198	1679	100.0	1679	1	US-10-223-090-55	Sequence 55, App
126	1679	100.0	1679	1	US-10-131-815A-375	Sequence 375, App	199	1679	100.0	1679	1	US-10-219-070-125	Sequence 125, App
127	1679	100.0	1679	1	US-10-131-817A-375	Sequence 375, App	200	1679	100.0	1679	1	US-10-219-472-125	Sequence 125, App
128	1679	100.0	1679	1	US-10-131-821A-375	Sequence 375, App	201	1679	100.0	1679	1	US-10-219-527-125	Sequence 125, App
129	1679	100.0	1679	1	US-10-131-822A-375	Sequence 375, App	202	1679	100.0	1679	1	US-10-227-877-125	Sequence 125, App
130	1679	100.0	1679	1	US-10-131-823A-375	Sequence 375, App	203	1679	100.0	1679	1	US-10-223-087-55	Sequence 55, App
131	1679	100.0	1679	1	US-10-131-825A-375	Sequence 375, App	204	1679	100.0	1679	1	US-10-223-087-55	Sequence 55, App
132	1679	100.0	1679	1	US-10-137-864A-375	Sequence 375, App	205	1679	100.0	1679	1	US-10-223-083-55	Sequence 55, App
133	1679	100.0	1679	1	US-10-137-869A-375	Sequence 375, App	206	1679	100.0	1679	1	US-10-218-168-125	Sequence 125, App
134	1679	100.0	1679	1	US-10-147-523-375	Sequence 375, App	207	1679	100.0	1679	1	US-10-218-612-125	Sequence 125, App
135	1679	100.0	1679	1	US-10-158-785-375	Sequence 375, App	208	1679	100.0	1679	1	US-10-175-590-375	Sequence 375, App
136	1679	100.0	1679	1	US-10-158-785-375	Sequence 375, App	209	1679	100.0	1679	1	US-10-175-590-375	Sequence 375, App
137	1679	100.0	1679	1	US-10-216-165-125	Sequence 125, App	210	1679	100.0	1679	1	US-10-137-826-375	Sequence 375, App
138	1679	100.0	1679	1	US-10-216-165-125	Sequence 125, App	211	1679	100.0	1679	1	US-10-146-727-375	Sequence 375, App
139	1679	100.0	1679	1	US-10-219-468-125	Sequence 125, App	212	1679	100.0	1679	1	US-10-146-727-375	Sequence 375, App
140	1679	100.0	1679	1	US-10-219-468-125	Sequence 125, App	213	1679	100.0	1679	1	US-10-146-727-375	Sequence 375, App
141	1679	100.0	1679	1	US-10-219-536-125	Sequence 125, App	214	1679	100.0	1679	1	US-10-152-380-375	Sequence 375, App
142	1679	100.0	1679	1	US-10-223-205-125	Sequence 125, App	215	1679	100.0	1679	1	US-10-153-934-375	Sequence 375, App
143	1679	100.0	1679	1	US-10-121-042-375	Sequence 375, App	216	1679	100.0	1679	1	US-10-140-807-375	Sequence 375, App
144	1679	100.0	1679	1	US-10-219-072-125	Sequence 125, App	217	1679	100.0	1679	1	US-10-140-924-375	Sequence 375, App
145	1679	100.0	1679	1	US-10-219-470-125	Sequence 125, App	218	1679	100.0	1679	1	US-10-140-924-375	Sequence 375, App
146	1679	100.0	1679	1	US-10-219-474-125	Sequence 125, App	219	1679	100.0	1679	1	US-10-141-699-375	Sequence 375, App
147	1679	100.0	1679	1	US-10-219-524-125	Sequence 125, App	220	1679	100.0	1679	1	US-10-141-700-375	Sequence 375, App
148	1679	100.0	1679	1	US-10-219-528-125	Sequence 125, App	221	1679	100.0	1679	1	US-10-141-704-375	Sequence 375, App
149	1679	100.0	1679	1	US-10-227-880-125	Sequence 125, App	222	1679	100.0	1679	1	US-10-142-432-375	Sequence 375, App
150	1679	100.0	1679	1	US-10-227-881-125	Sequence 125, App	223	1679	100.0	1679	1	US-10-142-432-375	Sequence 375, App
151	1679	100.0	1679	1	US-10-227-882-125	Sequence 125, App	224	1679	100.0	1679	1	US-10-142-432-375	Sequence 375, App
152	1679	100.0	1679	1	US-10-230-436-125	Sequence 125, App	225	1679	100.0	1679	1	US-10-143-033-375	Sequence 375, App
153	1679	100.0	1679	1	US-10-232-223-125	Sequence 125, App	226	1679	100.0	1679	1	US-10-144-994-375	Sequence 375, App
154	1679	100.0	1679	1	US-10-232-223-125	Sequence 125, App	227	1679	100.0	1679	1	US-10-144-994-375	Sequence 375, App
155	1679	100.0	1679	1	US-10-232-227-125	Sequence 125, App	228	1679	100.0	1679	1	US-10-145-628-375	Sequence 375, App
156	1679	100.0	1679	1	US-10-232-229-125	Sequence 125, App	229	1679	100.0	1679	1	US-10-145-746-375	Sequence 375, App
157	1679	100.0	1679	1	US-10-232-234-125	Sequence 125, App	230	1679	100.0	1679	1	US-10-145-822-375	Sequence 375, App
158	1679	100.0	1679	1	US-10-219-060-125	Sequence 125, App	231	1679	100.0	1679	1	US-10-145-822-375	Sequence 375, App
159	1679	100.0	1679	1	US-10-123-912-375	Sequence 375, App	232	1679	100.0	1679	1	US-10-145-870-375	Sequence 375, App
160	1679	100.0	1679	1	US-10-223-085-55	Sequence 55, App	233	1679	100.0	1679	1	US-10-145-870-375	Sequence 375, App
161	1679	100.0	1679	1	US-10-216-160-125	Sequence 125, App	234	1679	100.0	1679	1	US-10-145-953-375	Sequence 375, App
162	1679	100.0	1679	1	US-10-216-162-125	Sequence 125, App	235	1679	100.0	1679	1	US-10-146-726-375	Sequence 375, App
163	1679	100.0	1679	1	US-10-216-164-125	Sequence 125, App	236	1679	100.0	1679	1	US-10-146-726-375	Sequence 375, App
164	1679	100.0	1679	1	US-10-216-167-125	Sequence 125, App	237	1679	100.0	1679	1	US-10-146-726-375	Sequence 375, App
165	1679	100.0	1679	1	US-10-216-168-125	Sequence 125, App	238	1679	100.0	1679	1	US-10-146-726-375	Sequence 375, App
166	1679	100.0	1679	1	US-10-219-055-125	Sequence 125, App	239	1679	100.0	1679	1	US-10-147-501-375	Sequence 375, App
167	1679	100.0	1679	1	US-10-219-071-125	Sequence 125, App	240	1679	100.0	1679	1	US-10-147-501-375	Sequence 375, App
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169	1679	100.0	1679	1	US-10-219-077-125	Sequence 125, App	242	1679	100.0	1679	1	US-10-147-509-375	Sequence 375, App
170	1679	100.0	1679	1	US-10-219-465-125	Sequence 125, App	243	1679	100.0	1679	1	US-10-147-510-375	Sequence 375, App
171	1679	100.0	1679	1	US-10-219-467-125	Sequence 125, App	244	1679	100.0	1679	1	US-10-147-511-375	Sequence 375, App
172	1679	100.0	1679	1	US-10-219-469-125	Sequence 125, App	245	1679	100.0	1679	1	US-10-147-523-375	Sequence 375, App
173	1679	100.0	1679	1	US-10-219-471-125	Sequence 125, App	246	1679	100.0	1679	1	US-10-152-397-375	Sequence 375, App
174	1679	100.0	1679	1	US-10-219-473-125	Sequence 125, App	247	1679	100.0	1679	1	US-10-153-586-375	Sequence 375, App
175	1679	100.0	1679	1	US-10-219-476-125	Sequence 125, App	248	1679	100.0	1679	1	US-10-158-786-375	Sequence 375, App
176	1679	100.0	1679	1	US-10-229-482-125	Sequence 125, App	249	1679	100.0	1679	1	US-10-143-031A-522	Sequence 522, App
177	1679	100.0	1679	1	US-10-227-874-125	Sequence 125, App	250	1679	100.0	1679	1	US-10-137-870-375	Sequence 375, App
178	1679	100.0	1679	1	US-10-227-876-125	Sequence 125, App	251	1679	100.0	1679	1	US-10-140-016-375	Sequence 375, App
179	1679	100.0	1679	1	US-10-227-878-125	Sequence 125, App	252	1679	100.0	1679	1	US-10-140-021-375	Sequence 375, App

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407 1679 100.0 1679 1 US-10-121-044-375
408 1679 100.0 1679 1 US-10-121-055-375
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414 1679 100.0 1679 1 US-10-123-157-375
415 1679 100.0 1679 1 US-10-123-306-375
416 1679 100.0 1679 1 US-10-124-814-375
417 1679 100.0 1679 1 US-10-124-816-375

Sequence 522, App
Sequence 375, App
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479 1679 100.0 1679 1 US-10-140-473-375 Sequence 375, App
480 1679 100.0 1679 1 US-10-140-806-375 Sequence 375, App
481 1679 100.0 1679 1 US-10-140-810-375 Sequence 375, App
482 1679 100.0 1679 1 US-10-140-863-375 Sequence 375, App
483 1679 100.0 1679 1 US-10-141-699-375 Sequence 375, App
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490 1679 100.0 1679 1 US-10-142-884-375 Sequence 375, App
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Tue Jun 8 09:37:53 2004

us-10-017-084a-522.rnpb

PRIOR APPLICATION NUMBER: 60/082568
PRIOR FILING DATE: 1998-04-21
PRIOR APPLICATION NUMBER: 60/082569
PRIOR FILING DATE: 1998-04-21
PRIOR APPLICATION NUMBER: 60/082704
PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/082804
PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/082700
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PRIOR APPLICATION NUMBER: 60/083336
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PRIOR APPLICATION NUMBER: 60/084637
PRIOR FILING DATE: 1998-05-07
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PRIOR APPLICATION NUMBER: 60/084640
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084598
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084600
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084627
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084643
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PRIOR APPLICATION NUMBER: 60/085339
PRIOR FILING DATE: 1998-05-13
PRIOR APPLICATION NUMBER: 60/085338

PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085573
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085704
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085697

Query Match 100.0%; Score 1679; DB 1; Length 1679;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1679; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GTTGTCTCTGACGAAACAGTGGATTAAATCTCTTGACACAGCTTGAGAGCAAC 60
DB 1 GTTGTCTCTTACGAAACAGTGGATTAAATCTCTTGACACAGCTTGAGAGCAAC 60
QY 61 AATCTATACGAAAGAAAGAAAGAAAGAAAGAAAGAAAGAAAGAAAGAAAGAAAG 120
DB 61 AATCTATACGAAAGAAAGAAAGAAAGAAAGAAAGAAAGAAAGAAAGAAAGAAAG 120
QY 121 AAGAAAAAATATGAAAGAAAGAAAGAAAGAAAGAAAGAAAGAAAGAAAGAAAG 180
DB 121 AAGAAAAAATATGAAAGAAAGAAAGAAAGAAAGAAAGAAAGAAAGAAAGAAAG 180
QY 181 CTTCAAGGGGGTGGTGTCTGTCTCTTCCAGAGATGCCCGTGGCAGCGAGATGC 240
DB 181 CTTCAAGGGGGTGGTGTCTGTCTCTTCCAGAGATGCCCGTGGCAGCGAGATGC 240
QY 241 CACCTTCCCAAGAGTATGACAAAGTCCGCGGAGGAGGAGGAGGAGGAGGAGG 300
DB 241 CACCTTCCCAAGAGTATGACAAAGTCCGCGGAGGAGGAGGAGGAGGAGGAGG 300
QY 301 GTGACATTTGACAAACCGGGTCCCGGGTGGCTGCTTAAACCGGACACCATCTCTA 360
DB 301 GTGACATTTGACAAACCGGGTCCCGGGTGGCTGCTTAAACCGGACACCATCTCTA 360
QY 361 TGCTGGAGATGACAAAGTGGTCTGATCTCGGAGTCTTCTTGAGCAACACCAAC 420
DB 361 TGCTGGAGATGACAAAGTGGTCTGATCTCGGAGTCTTCTTGAGCAACACCAAC 420
QY 421 GAGTACAGCATTCAGATCCAGAAAGTGGATGTGTATGACAGAGGAGGAGGAGG 480
DB 421 GAGTACAGCATTCAGATCCAGAAAGTGGATGTGTATGACAGAGGAGGAGGAGG 480
QY 481 GGTGACAGACAGCAACCAAGAGCCTAGAGGCTCACTCAATTGAGCAAGATCTCC 540
DB 481 GGTGACAGACAGCAACCAAGAGCCTAGAGGCTCACTCAATTGAGCAAGATCTCC 540
QY 541 CAAATTTGAGATTTCTTCAATATCTCCATTAATGAAAGGAAAGAAATTAAGCTCAC 600
DB 541 CAAATTTGAGATTTCTTCAATATCTCCATTAATGAAAGGAAAGAAATTAAGCTCAC 600
QY 601 CTGATAGCAACTGTGATGACCAAGCTTAGAGTTACTTGAGACACATCTCTCCAAAGC 660
DB 601 CTGATAGCAACTGTGATGACCAAGCTTAGAGTTACTTGAGACACATCTCTCCAAAGC 660
QY 661 GGTGGCTTTGTGATGAGAAAGAAAGAAAGAAAGAAAGAAAGAAAGAAAGAAAG 720
DB 661 GGTGGCTTTGTGATGAGAAAGAAAGAAAGAAAGAAAGAAAGAAAGAAAGAAAG 720
QY 721 AGGGAGCTAGAGAGGAGTGGCTCAATGAGAGGAGGAGGAGGAGGAGGAGGAGGAG 780

QY 1081 CAGGAGGTGAGCAACGGCAGCTGAGAGAGGAGGCTGCTGCTGCTGCTTCT 1140
DB 1081 CAGGAGGTGAGCAACGGCAGCTGAGAGAGGAGGCTGCTGCTGCTGCTTCT 1140
QY 1141 GGTCTTGACCTGCTTCTCAATTTTGTAGTGTGCTGCTTCCCACTCCGGGAAAGGCT 1200
DB 1141 GGTCTTGACCTGCTTCTCAATTTTGTAGTGTGCTGCTTCCCACTCCGGGAAAGGCT 1200
QY 1201 GCGGCGACCGACCGACCGACCGACCGACCGACCGACCGACCGACCGACCGAC 1260
DB 1201 GCGGCGACCGACCGACCGACCGACCGACCGACCGACCGACCGACCGACCGAC 1260
QY 1261 TATACAAATGAAATTAGAGAGAAACAGAGCTGAGAGAGAGAGAGAGAGAGAG 1320
DB 1261 TATACAAATGAAATTAGAGAGAAACAGAGCTGAGAGAGAGAGAGAGAGAGAG 1320
QY 1321 AAGAAATCTTTGGGGGGGAAAGAGTTTAAAGAAATTGAAATTTGCTTGACAGAT 1380
DB 1321 AAGAAATCTTTGGGGGGGAAAGAGTTTAAAGAAATTGAAATTTGCTTGACAGAT 1380
QY 1381 TTTAGATGACATGAGATTTCTTTCCCAACCGGAGAGAGACAGAGACACCGGCTTGA 1440
DB 1381 TTTAGATGACATGAGATTTCTTTCCCAACCGGAGAGAGACAGAGACACCGGCTTGA 1440
QY 1441 CCCACTGCAAGCTGATGCTGCAACCTTTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1500
DB 1441 CCCACTGCAAGCTGATGCTGCAACCTTTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1500
QY 1501 TCTGCGCAGAGAGGCGCCCGACGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1560
DB 1501 TCTGCGCAGAGAGGCGCCCGACGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1560
QY 1561 GTCCATGAG 1620
DB 1561 GTCCATGAG 1620
QY 1621 GTTACATGCTGCGACAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1679
DB 1621 GTTACATGCTGCGACAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1679

RESULT 547

US-10-147-536-375

Sequence 375, Application US/10147536

Publication No. US20040077064A1

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: Deforse, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gettisen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P330R1C349
CURRENT APPLICATION NUMBER: US/10/147,536
CURRENT FILING DATE: 2002-05-17
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 375
LENGTH: 1679

TYPE: DNA
ORGANISM: Homo Sapien
US-10-147-536-375

Query Match 100.0%; Score 1679; DB 1; Length 1679;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1679; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GTTGTGCTTTCAGCAAAAGAGTGAATTAATCTCTTGAAGAGAGAGAGAGAGAGAGAG 60
DB 1 GTTGTGCTTTCAGCAAAAGAGTGAATTAATCTCTTGAAGAGAGAGAGAGAGAGAGAG 60
QY 61 AATCTATCAGGAG 120
DB 61 AATCTATCAGGAG 120
QY 121 AAG 180
DB 121 AAG 180
QY 181 CTTCACGCGGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 240
DB 181 CTTCACGCGGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 240
QY 241 CACCTTCCCAAGCTATGAGCAACGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 300
DB 241 CACCTTCCCAAGCTATGAGCAACGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 300
QY 301 GTGCACTATGAGCAACGAG 360
DB 301 GTGCACTATGAGCAACGAG 360
QY 361 TGTCTGAG 420
DB 361 TGTCTGAG 420
QY 421 GCAATGACAG 480
DB 421 GCAATGACAG 480
QY 481 GGTGAG 540
DB 481 GGTGAG 540
QY 541 CAAATTTGAGAGATTTCTTCAATATCTTCAATATCTTCAATATCTTCAATATCTTCAAT 600
DB 541 CAAATTTGAGAGATTTCTTCAATATCTTCAATATCTTCAATATCTTCAATATCTTCAAT 600
QY 601 CTGCATGACAG 660
DB 601 CTGCATGACAG 660
QY 661 GGTGAGCTTGTGAG 720
DB 661 GGTGAGCTTGTGAG 720
QY 721 AAGGAGCTGAG 780
DB 721 AAGGAGCTGAG 780
QY 781 GGTGAGCTGAG 840
DB 781 GGTGAGCTGAG 840
QY 841 ACAAAGGAG 900
DB 841 ACAAAGGAG 900
QY 901 CAAAGATGACAAAG 960
DB 901 CAAAGATGACAAAG 960
QY 961 CTTCTCAAAATCTATCTTCAATATCTTCAATATCTTCAATATCTTCAATATCTTCAATAT 1020

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us-10-017-084a-522.rnpb

Page 642

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Db      961      CTTCTCAAACTCATCTTTCTTCAATGTCTGTGAACATGACATATGGAACTTCACTTGCGT 1020
QY      1021      GGCCTCCAAACAAGCTGGGCGCACACCAATGCCAGCATCATGCTATTTTGGTCCAGGCGCGT 1080
Db      1021      GGCCTCCAAACAAGCTGGGCGCACACCAATGCCAGCATCATGCTATTTTGGTCCAGGCGCGT 1080
QY      1081      CAGCGAGGTGAGCAACGGCACGTCGAGGAGGGGAGGCTGCTGCGCTGCTCTCTCT 1140
Db      1081      CAGCGAGGTGAGCAACGGCACGTCGAGGAGGGGAGGCTGCTGCGCTGCTCTCTCT 1140
QY      1141      GGTCTTGCACTGCTCTCTCAAAATTTGATGTGATGCCATTTCCCGACCCGGGAAAGGCT 1200
Db      1141      GGTCTTGCACTGCTCTCTCAAAATTTGATGTGATGCCATTTCCCGACCCGGGAAAGGCT 1200
QY      1201      GCCGCCACCAACCAACCAACCAACAAGCAATGGGCAACCGAGACAGCAACATCAGATA 1260
Db      1201      GCCGCCACCAACCAACCAACCAACAAGCAATGGGCAACCGAGACAGCAACATCAGATA 1260
QY      1261      TATACAAATGAATATTGAAAGAAACAAGCCTTCATGGGACAAGAAATTTGAGGAGGGGAAC 1320
Db      1261      TATACAAATGAATATTGAAAGAAACAAGCCTTCATGGGACAAGAAATTTGAGGAGGGGAAC 1320
QY      1321      AAAGAAATCTTTGGGGGGGAAAAAGATTTTAAAAAAGAAATTTGAAATTTGCTTCAGATA 1380
Db      1321      AAAGAAATCTTTGGGGGGGAAAAAGATTTTAAAAAAGAAATTTGAAATTTGCTTCAGATA 1380
QY      1381      TTTAGTACAAATGAGATTTTCTTTTCCCAACGGGAGAAACAACAGCAACCCCGCTTGGGA 1440
Db      1381      TTTAGTACAAATGAGATTTTCTTTTCCCAACGGGAGAAACAACAGCAACCCCGCTTGGGA 1440
QY      1441      CCCACTGCAAGCTGATGATGCAACCTCTTTGATGATGATGATGATGATGATGATGATGATG 1500
Db      1441      CCCACTGCAAGCTGATGATGCAACCTCTTTGATGATGATGATGATGATGATGATGATGATG 1500
QY      1501      TCTGCGCCACAGATGCCCCCGCCACATTTGAGACTGGCCATCCCAATTTCAATCA 1560
Db      1501      TCTGCGCCACAGATGCCCCCGCCACATTTGAGACTGGCCATCCCAATTTCAATCA 1560
QY      1561      GTCCATAGAGACGAACAGAAATGAGACTTCCGCGCCCAAGCGTGGCGCTGCGGCACTTTG 1620
Db      1561      GTCCATAGAGACGAACAGAAATGAGACTTCCGCGCCCAAGCGTGGCGCTGCGGCACTTTG 1620
QY      1621      GTAGACTGTGCCACCAACGCGGTGTGTGTGAACGTGAATTAAGCAAAAAA 1679
Db      1621      GTAGACTGTGCCACCAACGCGGTGTGTGTGAACGTGAATTAAGCAAAAAA 1679

RESULT 548
US-10-119-480-125
; Sequence 125, Application US/10119480
; Publication No. US20040087769A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Desnoyers, Luc Geritsen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Smith, Victoria
; APPLICANT: Stephan, Jean-Philippe F.
; APPLICANT: Watanabe, Colin L.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3530P1
; CURRENT APPLICATION NUMBER: US/10/119,480
; CURRENT FILING DATE: 2002-04-09
; NUMBER OF SEQ ID NOS: 246
; Prior Application removed - See File Wrapper or Palm
; SEQ ID NO 125
; LENGTH: 1679
; TYPE: DNA

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Query Match	100.0%;	Score 1679;	DB 1;	Length 1679;
Best Local Similarity	100.0%;	Pred. No. 0;		
Matches 1679;	Conservative 0;	Mismatches 0;	Indels 0;	Gaps 0;
QY 1	GTGTGTCTTTCAGCAAAACAGTGAATTTAAATCTCCTTGACACAGCTTGAAGCAAC	60		
Db 1	GTGTGTCTTTCAGCAAAACAGTGAATTTAAATCTCCTTGACACAGCTTGAAGCAAC	60		
QY 61	AATCTATCAGAAAGAAAGAAAGAAAGAAAGAAAGAAAGAAAGAAAGAAAGAAAG	120		
Db 61	AATCTATCAGAAAGAAAGAAAGAAAGAAAGAAAGAAAGAAAGAAAGAAAGAAAG	120		
QY 121	AAGAAAAAAATCATGAAAAACATCCAGCCAAAAATGACAATTTATCTTTGGCAAT	180		
Db 121	AAGAAAAAAATCATGAAAAACATCCAGCCAAAAATGACAATTTATCTTTGGCAAT	180		
QY 181	CTTCAAGGGGTGGTCTCTGTGTCTTTCAGAGAGTCCCGTGGCGAGGAGATGC	240		
Db 181	CTTCAAGGGGTGGTCTCTGTGTCTTTCAGAGAGTCCCGTGGCGAGGAGATGC	240		
QY 241	CACCTTCCCAAGCTATGACAAACGATGAGGTTCGGCAGGGGAGAGCGCACCTCA	300		
Db 241	CACCTTCCCAAGCTATGACAAACGATGAGGTTCGGCAGGGGAGAGCGCACCTCA	300		
QY 301	GTGACATATTGACAAACGGGGTCAACGGGGGGTCCGTGTAACCGGACACATCTCTA	360		
Db 301	GTGACATATTGACAAACGGGGTCAACGGGGGGTCCGTGTAACCGGACACATCTCTA	360		
QY 361	TGCTGGGAATGACAAGTGTGCTGATTCCTCGCTGTGCTTCTGAGCAACCCAAAC	420		
Db 361	TGCTGGGAATGACAAGTGTGCTGATTCCTCGCTGTGCTTCTGAGCAACCCAAAC	420		
QY 421	GCAATGACGATCGAGATCCAGAACGATGATATGACGAGGGCCCTTACACCTGCTC	480		
Db 421	GCAATGACGATCGAGATCCAGAACGATGATATGACGAGGGCCCTTACACCTGCTC	480		
QY 481	GGTGACAGACAGACAAACCCAAAGACCTTGAAGGTCCACTTGTGACATATTC	540		
Db 481	GGTGACAGACAGACAAACCCAAAGACCTTGAAGGTCCACTTGTGACATATTC	540		
QY 541	CAAAATTTAGATATTTCTCAGATATCTCCATTAATGAAAGGAAACAATTTAGCTCAC	600		
Db 541	CAAAATTTAGATATTTCTCAGATATCTCCATTAATGAAAGGAAACAATTTAGCTCAC	600		
QY 601	CTGCATACGAACCTGGTAGACAGACCTTCAAGGTATCTTGAAGACATCTCTCCCAAGC	660		
Db 601	CTGCATACGAACCTGGTAGACAGACCTTCAAGGTATCTTGAAGACATCTCTCCCAAGC	660		
QY 661	GCTTGGCTTGTGAGTGAAGAAGATCTTGAATTTCAAGGACATCAACCGGAGACATC	720		
Db 661	GCTTGGCTTGTGAGTGAAGAAGATCTTGAATTTCAAGGACATCAACCGGAGACATC	720		
QY 721	AGGGACATACGAGTCAAGTGCCTCCATTAAGTGTGCGCGCCCTGTGTGCGAATGTA	780		
Db 721	AGGGACATACGAGTCAAGTGCCTCCATTAAGTGTGCGCGCCCTGTGTGCGAATGTA	780		
QY 781	GCTACCGGTGACATTCACCATTCATTTCAAGAGCCAAAGGTACAGGTGCTCCCGTGG	840		
Db 781	GCTACCGGTGACATTCACCATTCATTTCAAGAGCCAAAGGTACAGGTGCTCCCGTGG	840		
QY 841	AATAAAGGGGACACGACGATGGAAGGCTCAGACGCTCCCTCAGAGAAATTCAGTGTGA	900		
Db 841	AATAAAGGGGACACGACGATGGAAGGCTCAGACGCTCCCTCAGAGAAATTCAGTGTGA	900		
QY 901	CAAGATGACAAAGATCTGTAAGGAAAGAAAGGGGTGAAAGTGGAAACAGACCTTT	960		
Db 901	CAAGATGACAAAGATCTGTAAGGAAAGAAAGGGGTGAAAGTGGAAACAGACCTTT	960		
QY 961	CGTTCAAAACATCTTCTCAATGTCTGTGAACATACATGAGGAATCTACCTTGGCT	1020		
Db 961	CGTTCAAAACATCTTCTCAATGTCTGTGAACATACATGAGGAATCTACCTTGGCT	1020		

Db 961 CCTCTCAAAATCTCATCTTCTTCATGTCTCTGAACATGACTATG3GAATACACTTGCGT 1020
QY 1021 GGCTCCCAACAGCTGGGCGACACCAATGCGAGCATATCTCTATTGGTCCAGCGCCGT 1080
Db 1021 GGCTCCCAACAGCTGGGCGACACCAATGCGAGCATATCTCTATTGGTCCAGCGCCGT 1080
QY 1081 CAGGAGGTGAGCAACGGCAGCTGAGAGAGGCGCTGGCTGGCTGGCTCTCTCT 1140
Db 1081 CAGGAGGTGAGCAACGGCAGCTGAGAGAGGCGCTGGCTGGCTGGCTCTCTCT 1140
QY 1141 GGTCTGACCTGCTCTCTCAATTTGATGTGAGTGCACCTTCCCACTCCGGAAGGCT 1200
Db 1141 GGTCTGACCTGCTCTCTCAATTTGATGTGAGTGCACCTTCCCACTCCGGAAGGCT 1200
QY 1201 GCGGCGACCAACCAACCAACCAACCAACCAACCAACCAACCAACCAACCAAC 1260
Db 1201 GCGGCGACCAACCAACCAACCAACCAACCAACCAACCAACCAACCAACCAAC 1260
QY 1261 TATCAATATGAAATTAAGAGAAACAGAGCTCATGAGAGAAATTTGAGAGAGGAG 1320
Db 1261 TATCAATATGAAATTAAGAGAAACAGAGCTCATGAGAGAAATTTGAGAGAGGAG 1320
QY 1321 AAAAATATCTTTGGGGGAAAGATTTTAAAGAAATTTGAAATTTGCTTGGCAGATA 1380
Db 1321 AAAAATATCTTTGGGGGAAAGATTTTAAAGAAATTTGAAATTTGCTTGGCAGATA 1380
QY 1381 TTTAGTACATGAGATTTTCTTTCCCAACGGGAGAAACACAGCACAACCGGCTTGA 1440
Db 1381 TTTAGTACATGAGATTTTCTTTCCCAACGGGAGAAACACAGCACAACCGGCTTGA 1440
QY 1441 CCCACTGAGAGCTGATGTCGAACTCTTTGCTGAGCTGAGGCAAGGCTCAGGCTC 1500
Db 1441 CCCACTGAGAGCTGATGTCGAACTCTTTGCTGAGCTGAGGCAAGGCTCAGGCTC 1500
QY 1501 TCTGCGCAGAGAGTGGCCCGCAGTGAACATTTCTGAGCTGAGCCATCCCAATTCATCA 1560
Db 1501 TCTGCGCAGAGAGTGGCCCGCAGTGAACATTTCTGAGCTGAGCCATCCCAATTCATCA 1560
QY 1561 GTCCATAGAGAGCAACAGATGAGACCTTCCGCGCCAGCGCTGCGGCACTTTG 1620
Db 1561 GTCCATAGAGAGCAACAGATGAGACCTTCCGCGCCAGCGCTGCGGCACTTTG 1620
QY 1621 GTAGACGTGCGCACCAAGCGCTGTGTGAAAGTGAATTAAGCAAGCAAAAAA 1679
Db 1621 GTAGACGTGCGCACCAAGCGCTGTGTGAAAGTGAATTAAGCAAGCAAAAAA 1679

RESULT 549
US-10-657-103-2
; Sequence 2, Application US/10657103
; Publication No. US20040038285A1
; GENERAL INFORMATION:
; APPLICANT: Ono Pharmaceutical Co., Ltd.
; TITLE OF INVENTION: No. US20040038285A1 Polypeptides, cDNA encoding the same, and u
; FILE REFERENCE: 061459
; CURRENT APPLICATION NUMBER: US/10/657,103
; PRIOR FILING DATE: 2003-09-09
; PRIOR APPLICATION NUMBER: US/09/700,397
; PRIOR FILING DATE: 2001-01-05
; PRIOR APPLICATION NUMBER: JP 10-131815
; PRIOR FILING DATE: 1998-05-14
; PRIOR APPLICATION NUMBER: PCT/JP99/02485
; PRIOR FILING DATE: 1999-05-13
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2
; LENGTH: 1693
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc feature
; OTHER INFORMATION: Clone OC001 derived from human brain
; FEATURE:

; NAME/KEY: CDS
; LOCATION: (130)..(1161)
; FEATURE:
; NAME/KEY: sig_peptide
; LOCATION: (130)..(213)
; FEATURE:
; NAME/KEY: mac_peptide
; LOCATION: (214)..()
US-10-657-103-2

Query Match 99.0%; Score 1661.9; DB 1; Length 1693;
Best Local Similarity 99.9%; Pred. No. 0;
Matches 1673; Conservative 0; Mismatches 1; Indels 1; Gaps 1;

QY 6 GTCTTCAGCAAAACAGTGAATTTAAATCTCTTGCACAGCTTGAAGCAACAAATCT 65
Db 1 GTCTTCAGCAAAACAGTGAATTTAAATCTCTTGCACAGCTTGAAGCAACAAATCT 60
QY 66 ATCAGAAAAGAAAGAAAG-AAAAAACCGAACCTGACAAAAAGAAAGAAAGAA 124
Db 61 ATCAGAAAAGAAAGAAAGAAAGAAAGAAAGAAAGAAAGAAAGAAAGAAAGAA 120
QY 125 AAAAAATATGAAAGCAATCCAGCCAAATTTGACAAATTCATCTTGGGCAATCTTC 184
Db 121 AAAAAATATGAAAGCAATCCAGCCAAATTTGACAAATTCATCTTGGGCAATCTTC 180
QY 185 ACGGGCTGCTGCTCTGTGTCTTCCAGAGAGTCCCGTGCAGCGGAGATGCCAC 244
Db 181 ACGGGCTGCTGCTCTGTGTCTTCCAGAGAGTCCCGTGCAGCGGAGATGCCAC 240
QY 245 TTCCCAAGAGCTATGAGCAACGTGACGGTCCGCGAGGGGAGAGGACCACTCAGTGC 304
Db 241 TTCCCAAGAGCTATGAGCAACGTGACGGTCCGCGAGGGGAGAGGACCACTCAGTGC 300
QY 305 ACTATGACAAACCGGCTCAACCGGCTGAGCTGCTTAAACCGAGACCAATCTATGCT 364
Db 301 ACTATGACAAACCGGCTCAACCGGCTGAGCTGCTTAAACCGAGACCAATCTATGCT 360
QY 365 GGGATGACAAAGTGTGCTGATCTCGCGTGTCTTCTTGAAGCAACCCAAACGCA 424
Db 361 GGGATGACAAAGTGTGCTGATCTCGCGTGTCTTCTTGAAGCAACCCAAACGCA 420
QY 425 TACAGCATGAGATCCAGAACGTGATGTATGACAGAGGCGCTTACACTGCTCGGT 484
Db 421 TACAGCATGAGATCCAGAACGTGATGTATGACAGAGGCGCTTACACTGCTCGGT 480
QY 485 CAGACAGAACCAACCAAGACCTCTAGGGTCCACTCATTTGTGCAATCTCCCAA 544
Db 481 CAGACAGAACCAACCAAGACCTCTAGGGTCCACTCATTTGTGCAATCTCCCAA 540
QY 545 ATTGTAGAGATTTCTTCAATATCTCATTAATTAAGAGAAACAAATTAAGCTCCTGC 604
Db 541 ATTGTAGAGATTTCTTCAATATCTCATTAATTAAGAGAAACAAATTAAGCTCCTGC 600
QY 605 ATAGCAACTGTAGACCAAGACCTTACGTTACTTGGAGCAACATCTCTCCAAAGCGTT 664
Db 601 ATAGCAACTGTAGACCAAGACCTTACGTTACTTGGAGCAACATCTCTCCAAAGCGTT 660
QY 665 GGCTTTGTAGAGAAACGAATCTTGAATTAAGGGGATACCCGGGAGAGTCAAGG 724
Db 661 GGCTTTGTAGAGAAACGAATCTTGAATTAAGGGGATACCCGGGAGAGTCAAGG 720
QY 725 GACTACAGTGCAGTCTCTCAATGACGTGCGCGCCCGGTGTACGAGAGTAAAGTTC 784
Db 721 GACTACAGTGCAGTCTCTCAATGACGTGCGCGCCCGGTGTACGAGAGTAAAGTTC 780
QY 785 ACCGTAACTATCCACATTAATTTGAGAGCAAGGATACAGGTATCCCGGAGGACAA 844
Db 781 ACCGTAACTATCCACATTAATTTGAGAGCAAGGATACAGGTATCCCGGAGGACAA 840
QY 845 AAGGGACACTGCAAGTGTGAAGCTTCAAGATCTCCCTCAGCAAGATTCAGTGTACAG 904
Db 841 AAGGGACACTGCAAGTGTGAAGCTTCAAGATCTCCCTCAGCAAGATTCAGTGTACAG 900

Db	1268	CAAGATGACAAAAGACTGATTGAAAGGAAAGAAAGGGGTGAAAGTGAAAGCAGACCTTT	1327
Qy	961	CCTCTCAAAAATCTCATCTTCTTCATGTGCTTGAAACATGACATATGGGAACATCACTTGCGT	1020
Db	1328	CCTCTCAAAATCTCATCTTCTTCATGTGCTTGAAACATGACATATGGGAACATCACTTGCGT	1387
Qy	1021	GGCCTCCAAACAGCTGGGGCCACACCAATGCCAGATCATGCTATTGTGTCAGGCGCGT	1080
Db	1388	GGCTCCAAACAGCTGGGGCCACCAATGCCAGATCATGCTATTGTGTCAGGCGCGT	1447
Qy	1081	CAGGAGGTGAGCAACGGCACGTCGAGGAGGGCAGGCTGCGTCTTGCGTCTGCTCTTCT	1140
Db	1448	CAGGAGGTGAGCAACGGCACGTCGAGGAGGGCAGGCTGCGTCTTGCGTCTGCTCTTCT	1507
Qy	1141	GGCTTGACACCTGCTCTCAATTTTGTATGTAGAGTCACCTTCCCAACCCGGGAAAAGCT	1200
Db	1508	GGCTTGACACCTGCTCTCAATTTTGTATGTAGAGTCACCTTCCCAACCCGGGAAAAGCT	1567
Qy	1201	GCGCGCACCAACCAACCAACCAACAGCAATGGCACACCGACAGCAACCAATCAGATA	1260
Db	1568	GCGCGCACCAACCAACCAACCAACAGCAATGGCACACCGACAGCAACCAATCAGATA	1627
Qy	1261	TATACAAATGAAATTTAGAAAGAAACACAGCTCATGTGGACAGAAATTTAGGGAGGGGAAC	1320
Db	1628	TATACAAATGAAATTTAGAAAGAAACACAGCTCATGTGGACAGAAATTTAGGGAGGGGAAC	1687
Qy	1321	AAAGATACCTTTGGGGGGGAAAAGATTAAAAAAGAAATTGAAATTTGCTTGCAAGATA	1380
Db	1688	AAAGATACCTTTGGGGGGGAAAAGATTAAAAAAGAAATTGAAATTTGCTTGCAAGATA	1747
Qy	1381	TTTAGGTGCAATGGAGTTTCTTTTCCCAACCGGGAAGAACACAGCACACCCGGCTTGGGA	1440
Db	1748	TTTAGGTGCAATGGAGTTTCTTTTCCCAACCGGGAAGAACACAGCACACCCGGCTTGGGA	1807
Qy	1441	CCCACTGCAAGCTGCATGTCGCAACCTCTTTGGTCGACGTGTGGGCAAGGAGCTCAGCCTC	1500
Db	1808	CCCACTGCAAGCTGCATGTCGCAACCTCTTTGGTCGACGTGTGGGCAAGGAGCTCAGCCTC	1867
Qy	1501	TCTGCGCCACAGATGCCCCCAACGTGGACATTTCTGAGAGCTGGGCAATCCCAATTCATCA	1560
Db	1868	TCTGCGCCACAGATGCCCCCAACGTGGACATTTCTGAGAGCTGGGCAATCCCAATTCATCA	1927
Qy	1561	GTCCATAGAGACGAACAGATATGACCTTCCGGCCCAAGCGTGGCGCTGCGGGCACTTTG	1620
Db	1928	GTCCATAGAGACGAACAGATATGACCTTCCGGCCCAAGCGTGGCGCTGCGGGCACTTTG	1987
Qy	1621	GTAGACTGTGCCACCAACGGCGGTG	1645
Db	1988	GTAGACTGTGCCACCAACGGCGGTG	2012

RESULT 551
US-09-966-545-5

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/ Sequence 5 , Application US/09966545
/ Patent No. US2002017299A1
/ GENERAL INFORMATION:
/ APPLICANT: Fernandes, Blma
/ APPLICANT: Vernet, Corine
/ APPLICANT: Shinketsu, Richard A.
/ TITLE OF INVENTION: No. US2002017299A1 Human Proteins and Polynucleotides Encoding
/ TITLE OF INVENTION: them
/ FILE REFERENCE: Cura-46 (15966-546)
/ CURRENT APPLICATION NUMBER: US/09/966,545
/ CURRENT FILING DATE: 2001-09-26
/ PRIOR APPLICATION NUMBER: 09/544,511
/ PRIOR FILING DATE: 2000-04-06
/ NUMBER OF SEQ ID NOS: 57
/ SOFTWARE: PatentIn Ver. 2.0
/ SEQ ID NO 5
/ LENGTH: 2012
/ TYPE: DNA
/ ORGANISM: Homo sapiens
/ FEATURE:
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: NAME/KEY CDS
: LOCATION: (501)..(1532)
US-09-966-545-5

Query Match      97.9%   Score 1643.4;   DB 1;   Length 1012;
Best Local Similarity 99.9%   Pred. NO. 0;
Matches 1644;   Conservative 0;   Mismatches 1;   Indels 0;   Gaps 0

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Qy	1	GTTGTGTCCTTCAAGCAAAACAGTGGATTAAATCTCCTTGCACAAAGCTTGAAGCAAC	60
Db	368	GTTGTGTCCTTCAAGCAAAACAGTGGATTAAATCTCCTTGCACAAAGCTTGAAGCAAC	427
Qy	61	AATTTATCAGAAAGAAAGAAAGAAAGAAAGAAAGAAAGAAAGAAAGAAAGAAAG	120
Db	428	AATTTATCAGAAAGAAAGAAAGAAAGAAAGAAAGAAAGAAAGAAAGAAAGAAAG	487
Qy	121	AAGAAAAAAATCATGTAAAAACCATCCAGCCAAAAATGCATAATCTCTTGGGCAT	180
Db	488	AAGAAAAAAATCATGTAAAAACCATCCAGCCAAAAATGCATAATCTCTTGGGCAT	547
Qy	181	CTTCAAGGGGCTGGCTGCTCTGTGTCTTCTTCAAGAGATGCCGTGGCAGCGGAAATGC	240
Db	548	CTTCAAGGGGCTGGCTGCTCTGTGTCTTCTTCAAGAGATGCCGTGGCAGCGGAAATGC	607
Qy	241	CACCTTCCCAAGAGCTATGACAAACGTAAGGATCCGGCAGAGGGGAGAGCGCACCTTCAG	300
Db	608	CACCTTCCCAAGAGCTATGACAAACGTAAGGATCCGGCAGAGGGGAGAGCGCACCTTCAG	667
Qy	301	GTGCACTATTGACAAACCGGGTCAACCGGGGTGGCTTAAACCGCAGCAACATCTCTA	360
Db	668	GTGCACTATTGACAAACCGGGTCAACCGGGGTGGCTTAAACCGCAGCAACATCTCTA	727
Qy	361	TGCTGGGAATGACAAAGTGATGCTTGGATTCCTCGGTGGTCTTCTTGAGCAACACCAAC	420
Db	728	TGCTGGGAATGACAAAGTGATGCTTGGATTCCTCGGTGGTCTTCTTGAGCAACACCAAC	787
Qy	421	GCAGTACAGATCGAGATCCAGAACTGTGATGTGTATGACAGAGGCCCTTACACTTCTC	480
Db	788	GCAGTACAGATCGAGATCCAGAACTGTGATGTGTATGACAGAGGCCCTTACACTTCTC	847
Qy	481	GGTCAGACAGACAAACCAACCAACCTTGAAGGTCACTCATTTGTGCAAGTATCTCC	540
Db	848	GGTCAGACAGACAAACCAACCAACCTTGAAGGTCACTCATTTGTGCAAGTATCTCC	907
Qy	541	CAAAATGTGAGATTCTTCAGATATCTCCATTAATGAAGGAAACAATATTAGCTCAC	600
Db	908	CAAAATGTGAGATTCTTCAGATATCTCCATTAATGAAGGAAACAATATTAGCTCAC	967
Qy	601	CTGCATAGCACTGGTAGACCAAGGCTTACTGGTAGACACATCTCTCCCAAGC	660
Db	968	CTGCATAGCACTGGTAGACCAAGGCTTACTGGTAGACACATCTCTCCCAAGC	1027
Qy	661	GGTTGGCTTTGTGAGTAAGCGAATCTTGGAAATTCAGAGGCAATCAACCGGGAGCAATC	720
Db	1028	GGTTGGCTTTGTGAGTAAGCGAATCTTGGAAATTCAGAGGCAATCAACCGGGAGCAATC	1087
Qy	721	AGGGGACTACAGAGGAGTGCCTCAATGAGGTGGCGCCCGTGGTACGGAAGTAA	780
Db	1088	AGGGGACTACAGAGGAGTGCCTCAATGAGGTGGCGCCCGTGGTACGGAAGTAA	1147
Qy	781	GGTCAAGCTGAACTATCCACCATATCTTCAAGAGCCAAAGGATCAAGGTATCCCCCGTGG	840
Db	1148	GGTCAAGCTGAACTATCCACCATATCTTCAAGAGCCAAAGGATCAAGGTATCCCCCGTGG	1207
Qy	841	ACAAAAGGGGACATCGCAGTGTGAAGCTCAGACAGTCCCTCAGCAGAAATTCAGTGTGA	900
Db	1208	ACAAAAGGGGACATCGCAGTGTGAAGCTCAGACAGTCCCTCAGCAGAAATTCAGTGTGA	1267
Qy	901	CAAGGATGACAAAGACTGATTGAAGAAAGAAAGGGGTGAAGTGGAAAAACAGACTTTT	960
Db	1268	CAAGGATGACAAAGACTGATTGAAGAAAGAAAGGGGTGAAGTGGAAAAACAGACTTTT	1327
Qy	961	CCTCTCAAAACATCAATCTTCTTCAATGTCTGAAACATGACTATGGGAATCTACATTGGCT	1020

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1021 GGCCTCCAAACAGTGGGCGCAACCAATGCGACATCATGCTATTGGTCCAGGCGCGT 1080
1388 GGCCTCCAAACAGTGGGCGCAACCAATGCGACATCATGCTATTGGTCCAGGCGCGT 1447
1081 CAGCAGAGTGAACAGCGACGCTGAGAGAGGCGCTGCGCTGCGCTGCGCTCTCT 1140
1448 CAGCAGAGTGAACAGCGACGCTGAGAGAGGCGCTGCGCTGCGCTGCGCTCTCT 1507
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1508 GGTCTTGACCTGCTCTCAATTTTGAATGAGTGCACCTTCCCAACCGGAAAGCT 1567
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1568 GCGCGCACCAACCAACCAACCAACCAACCAACCAACCAACCAACCAACCAACCA 1627
1261 TATACAAATGAATTAAGAAACACAGCTCATGAGCAGAAATTTGAGGAGGAGAC 1320
1628 TATACAAATGAATTAAGAAACACAGCTCATGAGCAGAAATTTGAGGAGGAGAC 1687
1321 AAAGAAATCTTTGGGGGGGAAAGATTTTAAAGAAATTTGAAATTTGCTTGAATA 1380
1688 AAAGAAATCTTTGGGGGGGAAAGATTTTAAAGAAATTTGAAATTTGCTTGAATA 1747
1381 TTTAGTACAAATGAGATTTTCTTTCCCAACCGGAAACAGACACACCGGCTTGA 1440
1748 TTTAGTACAAATGAGATTTTCTTTCCCAACCGGAAACAGACACACCGGCTTGA 1807
1441 CCCACTGCAAGCTGATGTCGACCTCTTTGTCGACGTCGTCGTCGTCGTCGTCG 1500
1808 CCCACTGCAAGCTGATGTCGACCTCTTTGTCGACGTCGTCGTCGTCGTCGTCG 1867
1501 TGTGCGCACAGAGTGCCTCCCAAGTGAACATTTCTGAGCTGAGCCATCCCAATTCATCA 1560
1868 TGTGCGCACAGAGTGCCTCCCAAGTGAACATTTCTGAGCTGAGCCATCCCAATTCATCA 1927
151 GTCATAGACAGAACAGATGAGACCTTCCGCGCCCAAGCGTGCCTGCGGCACTTTG 1620
1928 GTCATAGACAGAACAGATGAGACCTTCCGCGCCCAAGCGTGCCTGCGGCACTTTG 1987
1621 GTAGACTGTGCCACCAAGCGCTGTG 1645
1988 GTAGACTGTGCCACCAAGCGCTGTG 2012

RESULT 552
US-09-965-212-5
Sequence 5, Application US/09965212
Publication No. US20030003462A1
GENERAL INFORMATION:
APPLICANT: Fernandes, Elma
APPLICANT: Vernet, Corine
APPLICANT: Shimeles, Richard A.
TITLE OF INVENTION: No. US20030003462A1 Human Proteins and Polynucleotides Encoding
TITLE OF INVENTION: Them
FILE REFERENCE: Cura-46 (15966-546)
CURRENT APPLICATION NUMBER: US/09/965,212
CURRENT FILING DATE: 2001-09-26
PRIOR APPLICATION NUMBER: US/09/544,511
PRIOR FILING DATE: 2000-04-06
PRIOR APPLICATION NUMBER: USSN 60/128,514
PRIOR FILING DATE: 1999-04-09
NUMBER OF SEQ ID NOS: 57
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 5
LENGTH: 2012
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: CDS

LOCATION: (501)...(1532)
US-09-965-212-5
Query Match 97.9%; Score 1643.4; DB 1; Length 2012;
Best Local Similarity 99.9%; Pred. No. 0;
Matches 1644; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
1 GTTGCTGCTTCAAGAAACAGTGAATTAATCTCTTCAAGAAAGCTTGAAGCAACAC 60
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DB GTTGCTGCTTCAAGAAACAGTGAATTAATCTCTTCAAGAAAGCTTGAAGCAACAC 427
QY AATCTATCAGAAAGAAAGAAAGAAAGAAAGAAAGAAAGAAAGAAAGAAAGAAAG 120
428 AATCTATCAGAAAGAAAGAAAGAAAGAAAGAAAGAAAGAAAGAAAGAAAGAAAG 487
DB AATCTATCAGAAAGAAAGAAAGAAAGAAAGAAAGAAAGAAAGAAAGAAAGAAAG 487
QY AAGAAAGAAAGAAAGAAAGAAAGAAAGAAAGAAAGAAAGAAAGAAAGAAAGAAAG 180
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488 AAGAAAGAAAGAAAGAAAGAAAGAAAGAAAGAAAGAAAGAAAGAAAGAAAGAAAG 547
DB AAGAAAGAAAGAAAGAAAGAAAGAAAGAAAGAAAGAAAGAAAGAAAGAAAGAAAG 547
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181 CTTCAAG 607
548 CTTCAAG 607
DB CTTCAAG 607
QY CACTTCCCAAG 300
241 CACTTCCCAAG 667
608 CACTTCCCAAG 667
DB CACTTCCCAAG 667
QY GTGCACTATTAAGAAACCGGAGTCAACCGGAGTGCCTTAAACCGAGACCATCTCTA 360
301 GTGCACTATTAAGAAACCGGAGTCAACCGGAGTGCCTTAAACCGAGACCATCTCTA 727
668 GTGCACTATTAAGAAACCGGAGTCAACCGGAGTGCCTTAAACCGAGACCATCTCTA 727
DB GTGCACTATTAAGAAACCGGAGTCAACCGGAGTGCCTTAAACCGAGACCATCTCTA 727
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361 TGTGCGGAATGAAATGATGCTGCTGATCTCTGCGGCTCTTGAAGAAACCAACCAAC 420
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788 GCAGTACAGATGAGATCCAGAACGTCGATGTCGATGTCGATGTCGATGTCGATGTC 847
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908 CAAATTTGAGAGATTTCTTCAATTCCTCAATTAAGAGAGAAATTAATTAATTAATTA 967
DB CAAATTTGAGAGATTTCTTCAATTCCTCAATTAAGAGAGAAATTAATTAATTAATTA 967
QY CTGCAATGCAATCTGTAAGACAGAGCTTCAAGAGCTTCAAGAGCTTCAAGAGCTTCA 660
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1028 GGTGCGCTTGTGAG 1087
DB GGTGCGCTTGTGAG 1087
QY AGGAGACTACGAGTGCAGTGCCTCCCAATGACGTCGCGCGCGCTGTCGAGAGATTA 1147
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1148 GGTACACCGGAGTATTCACCAATTCCTCAAGAGAGAGAGAGAGAGAGAGAGAGAG 1207
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841 ACAAAG 900
1208 ACAAAG 1267
DB ACAAAG 1267
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901 CAAAGATGACAAAGATGATTAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 960
1268 CAAAGATGACAAAGATGATTAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1327
DB CAAAGATGACAAAGATGATTAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1327
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Db      1328 CCTCTCAAAACTCATCTTCTTCAATGTCTCTGNAACATGACTATGGAACTTACACTTGCGT 1387
QY      1021 GGGCTCCAAACAGCTGGGCGACACCAATGCCAGCAATGCTATTGGTCCAGGGCGCGT 1080
Db      1388 GGGCTCCAAACAGCTGGGCGACACCAATGCAATGCTATTGGTCCAGGGCGCGT 1447
QY      1081 CAGCGAGTGAAGCAGCGACGTCGAGAGAGGCGCGCTGCTGGCTGCTGCTTCT 1140
Db      1448 CAGCGAGTGAAGCAGCGACGTCGAGAGAGGCGCGCTGCTGCTGCTGCTTCT 1507
QY      1141 GGTCTTGACCTCTCTCTTCAAAATTTGATGTGTGTCCTTCCACCCCGGGAAAGGT 1200
Db      1508 GGTCTTGACCTCTCTCTTCAAAATTTGATGTGTGTCCTTCCACCCCGGGAAAGGT 1567
QY      1201 GCGCGCACGACACCAACCAACAGCAATGGCAACCGACAGCAACCAATCAGATA 1260
Db      1568 GCGCGCACGACACCAACCAACAGCAATGGCAACCGACAGCAACCAATCAGATA 1627
QY      1261 TATACAAATGAATTAGAAGAAACACAGCCTCATGAGACAAATTTGAGGAGGGGAAC 1320
Db      1628 TATACAAATGAATTAGAAGAAACACAGCCTCATGAGACAAATTTGAGGAGGGGAAC 1687
QY      1321 AAAGAATACCTTGGGGGGGAAAGAGTTTAAAAAAGAAATTTGCTTGACAGATA 1380
Db      1688 AAAGAATACCTTGGGGGGGAAAGAGTTTAAAAAAGAAATTTGCTTGACAGATA 1747
QY      1381 TTAGGATCAATGAGAGTTTCTTTTCCAAACGGGAAAGAACACAGACACCCGGCTTGA 1440
Db      1748 TTAGGATCAATGAGAGTTTCTTTTCCAAACGGGAAAGAACACAGACACCCGGCTTGA 1807
QY      1441 CCCACTGCAAGCTGCAATCTGCAACCTCTTGTGTCAGTGTGGGAAAGGCTCAGCCCTC 1500
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QY      1501 TCTGCCACAGAGTGGCCCCACGTCGAAACATTTCTGAGTGGCCATCCCAATTCATCA 1560
Db      1868 TCTGCCACAGAGTGGCCCCACGTCGAAACATTTCTGAGTGGCCATCCCAATTCATCA 1927
QY      1561 GTCCATAGAGACGAAACGAATGAGACCTTCCGGCCCCAAGCGTGGCGTGGGCACTTTG 1620
Db      1928 GTCCATAGAGACGAAACGAATGAGACCTTCCGGCCCCAAGCGTGGCGTGGGCACTTTG 1987
QY      1621 GTAGACTGTGCAACCAAGCGCGTGTG 1645
Db      1988 GTAGACTGTGCAACCAAGCGCGTGTG 2012

RESULT 553
US-10-189-940-5
; Sequence 5, Application US/10189940
; Publication No. US20030129613A1
; GENERAL INFORMATION:
; APPLICANT: Fernandes, Elma
; APPLICANT: Verneet, Corine
; APPLICANT: Shimkets, Richard
; APPLICANT: Anderson, David
; APPLICANT: Padigaru, Muralidhara
; APPLICANT: Boldog, Ferenc
; APPLICANT: Li, Li
; APPLICANT: Shenoy, Suresh
; APPLICANT: Casman, Stacie
; APPLICANT: Raetelli, Luca
; TITLE OF INVENTION: No. US20030129613A1 Human Proteins and Polynucleotides Encoding
; FILE REFERENCE: 15966-546 CIP
; CURRENT APPLICATION NUMBER: US/10/189,940
; CURRENT FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/303,241
; PRIOR FILING DATE: 2001-07-05
; PRIOR APPLICATION NUMBER: 60/369,065
; PRIOR FILING DATE: 2002-04-01
; PRIOR APPLICATION NUMBER: 60/378,730
; PRIOR FILING DATE: 2002-05-08
; PRIOR APPLICATION NUMBER: 09/965,212

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; PRIOR FILING DATE: 2001-09-26
; PRIOR APPLICATION NUMBER: 09/966,545
; PRIOR FILING DATE: 2001-09-26
; PRIOR APPLICATION NUMBER: 09/966,546
; PRIOR FILING DATE: 2001-09-26
; PRIOR APPLICATION NUMBER: 09/544,511
; PRIOR FILING DATE: 2000-04-06
; PRIOR APPLICATION NUMBER: 60/128,514
; PRIOR FILING DATE: 1999-04-09
; PRIOR APPLICATION NUMBER: 60/186,592
; PRIOR FILING DATE: 2000-03-03
; NUMBER OF SEQ ID NOS: 152
; SOFTWARE: CuiBaseqlst version 0.1
; SEQ ID NO 5
; LENGTH: 2012
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (501)..(1532)
US-10-189-940-5

Query Match      97.9%; Score 1643.4; DB 1; Length 2012;
Best Local Similarity 99.9%; Pred. No. 0;
Matches 1644; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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Db      368 GTTGTGCTCTTCCAGCAAAACAGTGATTTAAATCTCTTGCAACAGCTTGAGAGCAAC 427
QY      61 AATCTACAGAGAAAGAAAGAAAGAAAGAAAGAAAGAAAGAAAGAAAGAAAGAAAG 120
Db      428 AATCTACAGAGAAAGAAAGAAAGAAAGAAAGAAAGAAAGAAAGAAAGAAAGAAAG 487
QY      121 AAGAAAAAAATCATGAAGAAACCATCCAGCCAAATTCATCTCTTGGGCAT 180
Db      488 AAGAAAAAAATCATGAAGAAACCATCCAGCCAAATTCATCTCTTGGGCAT 547
QY      181 CTTCAGGGGGCTGGTGTCTGTGTCTCTTCCAGAGAGTGGCCGGGAGAGATGC 240
Db      548 CTTCAGGGGGCTGGTGTCTGTGTCTCTTCCAGAGAGTGGCCGGGAGAGATGC 607
QY      241 CACTTCCCAAGCTATGACCAACGTGACGGTCCGGAGGGGGAGAGCCCACTTACG 300
Db      608 CACTTCCCAAGCTATGACCAACGTGACGGTCCGGAGGGGGAGAGCCCACTTACG 667
QY      301 GTGCACTATTGCAACCGGGTCAACCGGGTGGCTGTGCTTAAACGAGACCATCTCTA 360
Db      668 GTGCACTATTGCAACCGGGTCAACCGGGTGGCTGTGCTTAAACGAGACCATCTCTA 727
QY      361 TGTGGGAATGACCAAGTGTGCTGATCTTCCGTGTCTTCTTGACCAACCCAAAC 420
Db      728 TGTGGGAATGACCAAGTGTGCTGATCTTCCGTGTCTTCTTGACCAACCCAAAC 787
QY      421 GCAATACAGCATCGAGATCCAAAGTGTGTATATACAGAGGCGCTTACACTGTCTC 480
Db      788 GCAATACAGCATCGAGATCCAAAGTGTGTATATACAGAGGCGCTTACACTGTCTC 847
QY      481 GGTGACAGACCAACCAACCAACCAACCAACCAACCAACCAACCAACCAACCAAC 540
Db      848 GGTGACAGACCAACCAACCAACCAACCAACCAACCAACCAACCAACCAACCAAC 907
QY      541 CAAATTTGAGAGATTTCTTCAATATCTTCAATATATGAGGAAACATATATAGCTCAC 600
Db      908 CAAATTTGAGAGATTTCTTCAATATCTTCAATATATGAGGAAACATATATAGCTCAC 967
QY      601 CTGCATAGCACTGGAGACAGAGCGTACGTTACTTGAGACACATCTCTCCAAAGC 660
Db      968 CTGCATAGCACTGGAGACAGAGCGTACGTTACTTGAGACACATCTCTCCAAAGC 1027
QY      661 GGTGGCTTTGTGAGTGAAGCAAACTTGGAAATTCAGGGCAATCCCGGAGAGATC 720
Db      1028 GGTGGCTTTGTGAGTGAAGCAAACTTGGAAATTCAGGGCAATCCCGGAGAGATC 1087

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QY	721	AGGGGACGACGAGTGCCTCCAAATGAGTGTGGCGCGCGCGGTGAGGAGTAA	780
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QY	781	GGTCACCGTGAATATCCACCATATCTTCAAGAACCAAGGTACAGGTGTCCCGTGG	840
Db	1148	GGTCACCGTGAATATCCACCATATCTTCAAGAACCAAGGTACAGGTGTCCCGTGG	1207
QY	841	ACAAAGGGGACATGCGAGTGTGAAGCCTCAGCAGTCCCCCTCAGAGAAATTCAGTGGTA	900
Db	1208	ACAAAGGGGACATGCGAGTGTGAAGCCTCAGCAGTCCCCCTCAGAGAAATTCAGTGGTA	1267
QY	901	CAAGGATGACAAAAGACTGATTGAAAGGAAAGAGGTGAAGTGAAGAAACAGACCTTT	960
Db	1268	CAAGGATGACAAAAGACTGATTGAAAGGAAAGAGGTGAAGTGAAGAAACAGACCTTT	1327
QY	961	CCTCTCAAAATCTACTTCTTCAATGTCTCTGAACATATCATATGGAACTACATTTGGT	1020
Db	1328	CCTCTCAAAATCTACTTCTTCAATGTCTCTGAACATATCATATGGAACTACATTTGGT	1387
QY	1021	GGCCTCCAAACAGCTGGGGCCACCAACATGCGAGCATCATGTATTGGTCCAGGCGCGGT	1080
Db	1388	GGCCTCCAAACAGCTGGGGCCACCAACATGCGAGCATCATGTATTGGTCCAGGCGCGGT	1447
QY	1081	CAGCGAGGTGACAAACGACACGTGAGGAGGAGGAGGCTGCGTCTGGCTGTCTCTTCT	1140
Db	1448	CAGCGAGGTGACAAACGACACGTGAGGAGGAGGAGGCTGCGTCTGGCTGTCTCTTCT	1507
QY	1141	GGCTGTGACCTGGCTCTCAAAATTTGATGTGAAGTGGCCACTTCCCAACCGGGGAAAGGCT	1200
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Db	1568	GCGGCGACACACCCACCAACCAACAGCAATGGCGAACCCGACAGCAACCAATCAGATA	1627
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Db	1628	TATCAAAATGAAATTAAGAAAGAAACAGCCTCATGCGACAGAAATTTGAAGGAGGGGAAAC	1687
QY	1321	AAAGAAATCTTTGGGGGGGAAAGATTTTAAAAAAGAAATTTGAAATTTGCTTGCAGATA	1380
Db	1688	AAAGAAATCTTTGGGGGGGAAAGATTTTAAAAAAGAAATTTGAAATTTGCTTGCAGATA	1747
QY	1381	TTTAGGTTCATATGAGATTTCTTTTCCCAACCGGAGAAACACAGCACACCCGGCTTGG	1440
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QY	1441	CCCACTGCAACTGCATGTGCAACCTTTTGTGTGTCAGTGTGGGCAAGGGCTCAGCCTC	1500
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QY	1501	TCCTGCCCAAGAGTGGCCCCCAGTGGAAACATTTCTGAGCTGGCCATCCCAATTCATCA	1560
Db	1868	TCCTGCCCAAGAGTGGCCCCCAGTGGAAACATTTCTGAGCTGGCCATCCCAATTCATCA	1927
QY	1561	GTCCATAGAGCGAACAGATGAGACTTCCGAGCCCAAGCGTGGCGTGGCGGCACTTTG	1620
Db	1928	GTCCATAGAGCGAACAGATGAGACTTCCGAGCCCAAGCGTGGCGTGGCGGCACTTTG	1987
QY	1621	GTAAGCTGTGCCACCCACGCGGTGTG	1645
Db	1988	GTAAGCTGTGCCACCCACGCGGTGTG	2012

	APPLICANT: Shinketsu, Richard A.	
	TITLE OF INVENTION: No. US20020168716A1el Human Proteins and Polynucleotides Encodir	
	TITLE OF INVENTION: Them	
	FILE REFERENCE: Cura-46 (15966-546)	
	CURRENT APPLICATION NUMBER: US/09/966, 546	
	PRIOR FILING DATE: 2001-09-26	
	PRIOR APPLICATION NUMBER: 09/544, 511	
	NUMBER OF SEQ ID NOS: 57	
	SOFTWARE: PatentIn Ver. 2.0	
	SEQ ID NO 3	
	LENGTH: 1603	
	TYPE: DNA	
	ORGANISM: Homo sapiens	
	FEATURE:	
	NAME/KEY: CDS	
	LOCATION: (92)..(1123)	
	US-09-966-546-3	
Query Match	95.4%; Score 1601.4; DB 1; Length 1603;	
Best Local Similarity	99.9%; Pred. No. 0;	
Matches 1602; Conservative	0; Mismatches 1; Indels 0; Gaps 0;	
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Dd	1 CAAGCTTGAGAGCAACATCTTATCAGAAAGAAGAAAAAAGCCGAACTGACA 60	
Oy	103 AAAAAGAAAAGAAAAGAAAAGAAAATCATGAATAACATCCGCCAAAATTGCACA 162	
Dd	61 AAAAAGAAAAGAAAAGAAAAGAAAATCATGAATAACATCCGCCAAAATTGCACA 120	
Oy	163 TTCTATCTCTTGAGGCAATCTTCACGGGGCTGGCTGCTGTGTCTCTTCCAAGAGATGCC 222	
Dd	121 TTCTATCTCTTGAGGCAATCTTCACGGGGCTGGCTGCTGTGTCTCTTCCAAGAGATGCC 180	
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Dd	181 CGTGGCGAGCGGAAGATGCCACTTTCCCAAAGCTATGACAACGTGACGCTCCGGCAGGG 240	
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Dd	241 GGAAGAGCCCAACCCTCAGGTGCACTATTGACAAACCGGGTGGCTGGCTGGCTAAA 300	
Oy	343 CGCGACGACCAATCTCTTAATGCTGGGAATGACAATGTGTGCTGTGATCTCTCGGTGTCTT 402	
Dd	301 CGCGACGACCAATCTCTTAATGCTGGGAATGACAATGTGTGCTGTGATCTCTCGGTGTCTT 360	
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Dd	481 CATTTGTGCAATATCTCCCAAAATGTAGAGATTTCTTCAGATATCTCCATTAAATGAAG 540	
Oy	583 GAACATATTAGCTCACCTGATATGACAATGTGTGACCAAGACCTTAGGTCCACT 642	
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Oy	703 CATCACCCGGGAGCATCAGGGGACCTACGATGTGACGTGCTCCATGACGTGGCCGGCC 762	
Dd	661 CATCACCCGGGAGCATCAGGGGACCTACGATGTGACGTGCTCCATGACGTGGCCGGCC 720	
Oy	763 CGTGGTACGAGAGTAAAGTCAACGTGAATCATCAATTCATTGAAAGCAAGG 822	

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Db 781 TACAGGTGTCCCTGTGGACAAAGGAGCACTGCACTGTGAAGCTTCAGCACTCCCTC 840
QY 883 AGCAGATTCCAGTGTGACAGAGTGAACAAGACTGATTGAAGGAAAGAGGAGTGA 942
Db 841 AGCAGATTCCAGTGTGACAGAGTGAACAAGACTGATTGAAGGAAAGAGGAGTGA 900
QY 943 AGTGAAGAAAGACCTTTCTCTCAAACTCATCTTTCTTCATGTCTGTGAACATGACTA 1002
Db 901 AGTGAAGAAAGACCTTTCTCTCAAACTCATCTTTCTTCATGTCTGTGAACATGACTA 960
QY 1003 TGGGAATCTACATTTGTGTGCTTCCCAACAGTGGGCTCAACCAATGCCAGCTCATGCT 1062
Db 961 TGGGAATCTACATTTGTGTGCTTCCCAACAGTGGGCTCAACCAATGCCAGCTCATGCT 1020
QY 1063 ATTGTGTCCAGGCGCTCAGCAGAGTGAACAAGCAAGCTGAGAGAGGCGAGCTGCT 1122
Db 1021 ATTGTGTCCAGGCGCTCAGCAGAGTGAACAAGCAAGCTGAGAGAGGCGAGCTGCT 1080
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QY 1183 CCCCAACCCGGGAAAGGCTGCGGCAACCAACCAACCAACCAACCAACCAACCAACCA 1242
Db 1141 CCCCAACCCGGGAAAGGCTGCGGCAACCAACCAACCAACCAACCAACCAACCAACCA 1200
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Db 1201 ACAGCAACCAATCAGATATATATCAAAATGAATGAAGAAAGCAAGCTCATGGAACA 1260
QY 1303 AATTGAGGAGAGGAGAAACAAGAAATCTTTGGGGGAGAAAGATTTTAAAGAAATG 1362
Db 1261 AATTGAGGAGAGGAGAAACAAGAAATCTTTGGGGGAGAAAGATTTTAAAGAAATG 1320
QY 1363 AAAATGCTGTGAGATATTTAGTACATGAGATTTCTTTCCCAACCGGAGAAAGA 1422
Db 1321 AAAATGCTGTGAGATATTTAGTACATGAGATTTCTTTCCCAACCGGAGAAAGA 1380
QY 1423 CAGCAACCCGGGCTTGAACCACTGCAAGCTGCACTGCTTGTGTGCTGCTGCT 1482
Db 1381 CAGCAACCCGGGCTTGAACCACTGCAAGCTGCACTGCTTGTGTGCTGCTGCT 1440
QY 1483 GGGGAGGAGGCTCAGCTCTCTGCGCCAGAGAGTGGCCCAAGTGAACAATTCTGAGAGCTG 1542
Db 1441 GGGGAGGAGGCTCAGCTCTCTGCGCCAGAGAGTGGCCCAAGTGAACAATTCTGAGAGCTG 1500
QY 1543 CCATCCCAATTCATATGATTCATGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1602
Db 1501 CCATCCCAATTCATATGATTCATGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1560
QY 1603 GGGGCTGGGGGCACTTTGTGTGAGACTGTGCAACCAAGGAGTGTG 1645
Db 1561 GGGGCTGGGGGCACTTTGTGTGAGACTGTGCAACCAAGGAGTGTG 1603

RESULT 555

US-09-966-545-3

Sequence 3, Application US/09966545

Patent No. US20020172999A1

GENERAL INFORMATION:

APPLICANT: Fernandes, Elma

APPLICANT: Vernes, Corine

APPLICANT: Shinkets, Richard A.

TITLE OF INVENTION: No. US20020172999A1 Human Proteins and Polynucleotides Encoding

TITLE OF INVENTION: Them

CURRENT APPLICATION NUMBER: US/09/966, 545

CURRENT FILING DATE: 2001-09-26

PRIOR APPLICATION NUMBER: 09/544, 511

;; PRIOR FILING DATE: 2000-04-06
;; NUMBER OF SEQ ID NOS: 57
;; SOFTWARE: Patent Ver. 2.0
;; SEQ ID NO 3
;; LENGTH: 1603
;; TYPE: DNA
;; ORGANISM: Homo sapiens
;; FEATURE:
;; NAME/KEY: CDS
;; LOCATION: (92)..(1123)
US-09-966-545-3

Query Match 95.4%; Score 1601.4; DB 1; Length 1603;
Best Local Similarity 99.9%; Pred. No. 0;
Matches 1602; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 43 CAAGCTTGAAGCAACATCTATCAGAGAAAGAAAGAAAGAAAGAAAGAAAGAAAGAAAG 102
Db 1 CAAGCTTGAAGCAACATCTATCAGAGAAAGAAAGAAAGAAAGAAAGAAAGAAAGAAAG 60
QY 103 AAAAG 162
Db 61 AAAAG 120
QY 163 TTCTATCTTTGGCAATCTTCAAGGAGCTGCTGTGTCTCTTCAAGAGAGTGC 222
Db 121 TTCTATCTTTGGCAATCTTCAAGGAGCTGCTGTGTCTCTTCAAGAGAGTGC 180
QY 223 CTGTGAG 282
Db 181 CTGTGAG 240
QY 283 GAG 342
Db 241 GAG 300
QY 343 CCGCAGCAACATCTCTATGCTGGAGATGACAGTGTGTGCTGCTGCTGCTGCTGCTGCT 402
Db 301 CCGCAGCAACATCTCTATGCTGGAGATGACAGTGTGTGCTGCTGCTGCTGCTGCTGCT 360
QY 403 TCTGAGCAACCCCAAG 462
Db 361 TCTGAGCAACCCCAAG 420
QY 463 GGGGCTTACACTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 522
Db 421 GGGGCTTACACTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 480
QY 523 CATGTGAGAGAGATGCAAAATTTGAGAGATTTCTTCAAGATTTCTTCAATTAAGAG 582
Db 481 CATGTGAGAGAGATGCAAAATTTGAGAGATTTCTTCAAGATTTCTTCAATTAAGAG 540
QY 583 GAACATATTTAGCTCACCTGATGACAGTGTGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 642
Db 541 GAACATATTTAGCTCACCTGATGACAGTGTGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 600
QY 643 AACATTTCTCCCAAG 702
Db 601 AACATTTCTCCCAAG 660
QY 703 CATCACCCGAG 762
Db 661 CATCACCCGAG 720
QY 763 CTTGTGAG 822
Db 721 CTTGTGAG 780
QY 823 TACAGGTGTCCCTGTGGACAAAGGAGCACTGCACTGTGAAGCTTCAGCACTCCCTC 882
Db 781 TACAGGTGTCCCTGTGGACAAAGGAGCACTGCACTGTGAAGCTTCAGCACTCCCTC 840
QY 883 AGCAGATTCCAGTGTGACAGAGTGAACAAGACTGATTGAAGGAAAGAGGAGTGA 942

Db 901 AGTGGAAAAAGACCTTCTCTCAAAATCTATTTCTTCAATGTCTCTGAACATGACTA 960
Qy 1003 TGGGAATACACTTGTGCTGCTCCAAAGAGCTGGGACACAAATGACGATCATGTCT 1062
Db 961 TGGGAATACACTTGTGCTGCTCCAAAGAGCTGGGACACAAATGACGATCATGTCT 1020
Qy 1063 ATTGTGTCCAGAGCCCGCTCAGAGGAGTGAAGCAAGGCACTGCGAGAGGGGAGGCTGCT 1122
Db 1021 ATTGTGTCCAGAGCCCGCTCAGAGGAGTGAAGCAAGGCACTGCGAGAGGGGAGGCTGCT 1080
Qy 1123 CTGCTGCTGCTCTTCTGTGTCTGCACTGCTCTCAAAATTTTGAATGAGTGCACCT 1182
Db 1081 CTGCTGCTGCTCTTCTGTGTCTGCACTGCTCTCAAAATTTTGAATGAGTGCACCT 1140
Qy 1183 CCCCCCGGGGAAAGGCTGCGCCGCAACACACACACACACACACACACACACACAC 1242
Db 1141 CCCCCCGGGGAAAGGCTGCGCCGCAACACACACACACACACACACACACACACAC 1200
Qy 1243 ACAGCAACCAATCAGATATATACAAATGAATTAAGAAACACAGGCTCATGSGAGAGA 1302
Db 1201 ACAGCAACCAATCAGATATATACAAATGAATTAAGAAACACAGGCTCATGSGAGAGA 1260
Qy 1303 AATTGAGGAGGAGGAAACAAAGAAATCTTTGGGGGAAAGAGTTTAAAAAGAAATG 1362
Db 1261 AATTGAGGAGGAGGAAACAAAGAAATCTTTGGGGGAAAGAGTTTAAAAAGAAATG 1320
Qy 1363 AAAATGCTTGTGCAATTTTAAAGTAAAGTAAAGTAAAGTAAAGTAAAGTAAAGTAA 1422
Db 1321 AAAATGCTTGTGCAATTTTAAAGTAAAGTAAAGTAAAGTAAAGTAAAGTAAAGTAA 1380
Qy 1423 CAGCAACACCCGCTTGAACCCACCTGCAAGTGCATGTCGCAACCTCTTGTGTGCAAGT 1482
Db 1381 CAGCAACACCCGCTTGAACCCACCTGCAAGTGCATGTCGCAACCTCTTGTGTGCAAGT 1440
Qy 1483 GGGCAAGGCTCAGGCTCTCTGCCCCACAGAGTGGCCCCACGCTGGAACCTTTGAGAGTGG 1542
Db 1441 GGGCAAGGCTCAGGCTCTCTGCCCCACAGAGTGGCCCCACGCTGGAACCTTTGAGAGTGG 1500
Qy 1543 CCATCCCAATTCATCAGTGCATAGAGAGCAAGCAAGTGAAGCTTCCGCGCCCAAGGCT 1602
Db 1501 CCATCCCAATTCATCAGTGCATAGAGAGCAAGCAAGTGAAGCTTCCGCGCCCAAGGCT 1560
Qy 1603 GGGCGTGGGAGCACTTTGGTAGCTGTGCGCACCAAGCGGCTGTG 1645
Db 1561 GGGCGTGGGAGCACTTTGGTAGCTGTGCGCACCAAGCGGCTGTG 1603

RESULT 557
US-10-189-940-3
Sequence 3, Application US/10189940
Publication No. US20030129613A1
GENERAL INFORMATION:
APPLICANT: Fernandez, Elma
APPLICANT: Vernet, Corine
APPLICANT: Shimkets, Richard
APPLICANT: Anderson, David
APPLICANT: Padigaru, Muralidhara
APPLICANT: Boldog, Ferenc
APPLICANT: Li, Li
APPLICANT: Shenoy, Suresh
APPLICANT: Casman, Stacie
APPLICANT: Rastelli, Luca
TITLE OF INVENTION: No. US20030129613A1 Human Proteins and Polynucleotides Encoding
FILE REFERENCE: 15966-546 CIP
CURRENT APPLICATION NUMBER: US/10/189,940
CURRENT FILING DATE: 2002-07-03
PRIOR APPLICATION NUMBER: 60/303,241
PRIOR FILING DATE: 2001-07-05
PRIOR APPLICATION NUMBER: 60/369,065
PRIOR FILING DATE: 2002-04-01
PRIOR APPLICATION NUMBER: 60/378,730
PRIOR FILING DATE: 2002-05-08
PRIOR APPLICATION NUMBER: 09/965,212

Qy 95.4%; Score 1601.4; DB 1; Length 1603;
Best Local Similarity 99.9%; Pred. No. 0;
Matches 1602; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
US-10-189-940-3

Qy 43 CAAAGTTGAGAGACACACATCTATCAGAGAAAGAAAGAAAGAAAGAAAGAAAGAAAG 102
Db 1 CAAAGTTGAGAGACACACATCTATCAGAGAAAGAAAGAAAGAAAGAAAGAAAGAAAG 60

Qy 103 AAAAAGAGAAAGAAAGAAAGAAAGAAAGAAAGAAAGAAAGAAAGAAAGAAAGAAAG 162
Db 61 AAAAAGAGAAAGAAAGAAAGAAAGAAAGAAAGAAAGAAAGAAAGAAAGAAAGAAAG 120

Qy 163 TTCTATCTGTGGGCAATCTTCACGGGGCTGGCTGCTGTGTCTCTTCAAGAGAGTGC 222
Db 121 TTCTATCTGTGGGCAATCTTCACGGGGCTGGCTGCTGTGTCTCTTCAAGAGAGTGC 180

Qy 223 CGTGGCAGAGGAGATGCCACCTTCCCAAGCTATGACAAAGTGAAGCGGTCCGCAAGG 282
Db 181 CGTGGCAGAGGAGATGCCACCTTCCCAAGCTATGACAAAGTGAAGCGGTCCGCAAGG 240

Qy 283 GAGAGGCGCCACCTCAGGTGCACTTGAACAACGGGTCACCCGGGTGGCTGCTGATA 342
Db 241 GAGAGGCGCCACCTCAGGTGCACTTGAACAACGGGTCACCCGGGTGGCTGCTGATA 300

Qy 343 CCGCAGACCACTCTATGCTGGGAATGACAAAGTGTGCTGATCTTCGCGTGTCT 402
Db 301 CCGCAGACCACTCTATGCTGGGAATGACAAAGTGTGCTGATCTTCGCGTGTCT 360

Qy 403 TGTGAGCAACCCCAAGCAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGA 462
Db 361 TGTGAGCAACCCCAAGCAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGA 420

Qy 463 GGGCCTTACCTGCTGGTGAAGACAGCAACCAACCAAGCAAGTGAAGTGAAGTGAAGTGA 522
Db 421 GGGCCTTACCTGCTGGTGAAGACAGCAACCAACCAAGCAAGTGAAGTGAAGTGAAGTGA 480

Qy 523 CATTGTGAAGTATCTCCAAATTTGTAAGATTTCTTCAGATATCTCCATTAATGAAG 582
Db 481 CATTGTGAAGTATCTCCAAATTTGTAAGATTTCTTCAGATATCTCCATTAATGAAG 540

Qy 583 GAAATATATAGCTCAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGA 642
Db 541 GAAATATATAGCTCAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGA 600

Qy 643 ACACATCTTCCCAAGCGGTTGCTTGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGA 702
Db 601 ACACATCTTCCCAAGCGGTTGCTTGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGA 660

Qy 703 CATACCGGGAGAGCAGAGGAGCTAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGA 762
Db 661 CATACCGGGAGAGCAGAGGAGCTAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGA 720

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QY 763 CGTGTACGAGAGTAAAGTACACCGTGAATATCCACCATATCTTCAGAGCCAAAGG 822
DB 721 CGTGTACGAGAGTAAAGTACACCGTGAATATCCACCATATCTTCAGAGCCAAAGG 780
QY 823 TACAGGTGTCCCGTGGGACAAAAGGGACACTGAGTGTGAAGCTTCAGAGTCCCTC 882
DB 781 TACAGGTGTCCCGTGGGACAAAAGGGACACTGAGTGTGAAGCTTCAGAGTCCCTC 840
QY 883 AGCAAAATTCAGTGTACAGAGATGACAAAAGAGTGAATTAAGGAAAGAGGGGTGA 942
DB 841 AGCAAAATTCAGTGTACAGAGATGACAAAAGAGTGAATTAAGGAAAGAGGGGTGA 900
QY 943 AGTGAAGAAACAGACCTTTCTCTCAAAAACCTCACTTTCTTCATGTCTCTGAACATGACTA 1002
DB 901 AGTGAAGAAACAGACCTTTCTCTCAAAAACCTCACTTTCTTCATGTCTCTGAACATGACTA 960
QY 1003 TGGGAACCTACCTTGCGGTGGCTCCCAACAGCTGGGCGCACCAATGCGAGATCATGCT 1062
DB 961 TGGGAACCTACCTTGCGGTGGCTCCCAACAGCTGGGCGCACCAATGCGAGATCATGCT 1020
QY 1063 ATTTGCTCCAGGCGCGCTCAGGAGGTGACACGCGACGTCGAGAGAGGCGACGCTGCGT 1122
DB 1021 ATTTGCTCCAGGCGCGCTCAGGAGGTGACACGCGACGTCGAGAGAGGCGACGCTGCGT 1080
QY 1123 CTGGGTGCTGCTCTTTCTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 1182
DB 1081 CTGGGTGCTGCTCTTTCTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 1140
QY 1183 CCCCAACCCCGGAGAAAGCTGCGCCACACACACACACACACACACACACACACACACG 1242
DB 1141 CCCCAACCCCGGAGAAAGCTGCGCCACACACACACACACACACACACACACACACG 1200
QY 1243 AAGAGAACCAATCAGATATATACAAATTAATTAAGAAACACAGCTTCATGGGACAGA 1302
DB 1201 AAGAGAACCAATCAGATATATACAAATTAATTAAGAAACACAGCTTCATGGGACAGA 1260
QY 1303 AATTTGAGGAGGAGGAGACAAAGATATCTTTGGGGGAAAGAGTTTAAAAAGAAATTG 1362
DB 1261 AATTTGAGGAGGAGGAGACAAAGATATCTTTGGGGGAAAGAGTTTAAAAAGAAATTG 1320
QY 1363 AAAATTGCTTCAGATATATTAAGTACATGAGATTTTCTTTCCCAACGGGAAAGACA 1422
DB 1321 AAAATTGCTTCAGATATATTAAGTACATGAGATTTTCTTTCCCAACGGGAAAGACA 1380
QY 1423 CAGCACACCCGCTTGGACCCACCTGCAAGCTGATCGTGAACCTCTTTGTGTGCCAGTGT 1482
DB 1381 CAGCACACCCGCTTGGACCCACCTGCAAGCTGATCGTGAACCTCTTTGTGTGCCAGTGT 1440
QY 1483 GGGCAAGGGCTCAGCTCTCTGTGCGCACAGAGTGGCCCGCCAGTGGAACTTTGGAGCTGG 1542
DB 1441 GGGCAAGGGCTCAGCTCTCTGTGCGCACAGAGTGGCCCGCCAGTGGAACTTTGGAGCTGG 1500
QY 1543 CCATCCCAATTCATCATGATCATAGAGAGAGAAAGATGAGACCTTCGGGCGCAAGGT 1602
DB 1501 CCATCCCAATTCATCATGATCATAGAGAGAGAAAGATGAGACCTTCGGGCGCAAGGT 1560
QY 1603 GGGCGTGGCGGACCTTTGTGTGAATGTGTGCCACACGCGCTGTG 1645
DB 1561 GGGCGTGGCGGACCTTTGTGTGAATGTGTGCCACACGCGCTGTG 1603

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RESULT 558
US-10-098-841-72

Sequence 72, Application US/10098841
Publication No. US20020197679A1
GENERAL INFORMATION:
APPLICANT: Tang, Y. Tom
APPLICANT: Liu, Chenghua
APPLICANT: Aunndi, Vinod
APPLICANT: Xu, Chongjun
APPLICANT: Zhou, Ping
APPLICANT: Ma, Yungqing

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APPLICANT: Wang, Jian-Rui
APPLICANT: Zhao, Qing A.
APPLICANT: Ren, Feiyan
APPLICANT: Chen, Rui-hong
APPLICANT: Wang, Dunrui
APPLICANT: Wang, Zhiwei
APPLICANT: Wehrman, Tom
APPLICANT: Zhang, Jie
APPLICANT: Qian, Xiaohong B.
APPLICANT: Dimanac, Radoje T.
TITLE OF INVENTION: No. US20020197679A1el Nucleic Acids and
FILE REFERENCE: 784CIP2
CURRENT APPLICATION NUMBER: US/10/098,841
CURRENT FILING DATE: 2002-03-13
PRIOR APPLICATION NUMBER: 09/598,042
PRIOR FILING DATE: 2000-06-20
PRIOR APPLICATION NUMBER: 09/552,317
PRIOR FILING DATE: 2000-04-25
PRIOR APPLICATION NUMBER: 09/488,725
PRIOR FILING DATE: 2000-01-21
NUMBER OF SEQ ID NOS: 331
SOFTWARE: pc_fl_genes Version 1.0
SEQ ID NO 72
LENGTH: 1678
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: CDS
LOCATION: (142)..(1176)
US-10-098-841-72

Query Match      86.8%; Score 1457; DB 1; Length 1678;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1457; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 214 AGAGATGCCCGTGGCGAGGAGATGCCACCTTCCCAAGCTATGACAGTGCAGGT 273
DB 222 AGAGATGCCCGTGGCGAGGAGATGCCACCTTCCCAAGCTATGACAGTGCAGGT 281
QY 274 CCGGACAGGGGAGAGGCGCACCTCAGGTGACATATTAACAACCGGGTCAACCGGGTGGC 333
DB 282 CCGGACAGGGGAGAGGCGCACCTCAGGTGACATATTAACAACCGGGTCAACCGGGTGGC 341
QY 334 CTGGCTAAACCGGACAGACCATCTCTATGCTGTGGAATGACAAAGTGTCTTGATCTTG 393
DB 342 CTGGCTAAACCGGACAGACCATCTCTATGCTGTGGAATGACAAAGTGTCTTGATCTTG 401
QY 394 CGTGTCTCTTCTAGGACAAACCCAAACGAGTACAGATCGAGTCAAGACGTGATGT 453
DB 402 CGTGTCTCTTCTAGGACAAACCCAAACGAGTACAGATCGAGTCAAGACGTGATGT 461
QY 454 GTATGAGAGAGGCGCTTACACCTGTCTGTGACAGACAAACACCCAAAGCTTGA 513
DB 462 GTATGAGAGAGGCGCTTACACCTGTCTGTGACAGACAAACACCCAAAGCTTGA 521
QY 514 GGTCCACCTCATGTGTGAAGTATCTCCAAATTTGTAAGATTCTTCAGATATCTCCAT 573
DB 522 GGTCCACCTCATGTGTGAAGTATCTCCAAATTTGTAAGATTCTTCAGATATCTCCAT 581
QY 574 TAATGAAGGAGACATATTAAGCTTACCTGACCTGATAGCACTGTAGACAGAGCTTACG 633
DB 582 TAATGAAGGAGACATATTAAGCTTACCTGACCTGATAGCACTGTAGACAGAGCTTACG 641
QY 634 TACTTGAAGACATATCTCTCCCAAGCGGTGGCTTTGTAAGAGAGAGAGATTAATTG 693
DB 642 TACTTGAAGACATATCTCTCCCAAGCGGTGGCTTTGTAAGAGAGAGAGATTAATTG 701
QY 694 AATTCAAGGGATCAACCCGGAGAGAGTCAAGGAGATCAAGAGTGAAGTGTCTTCAATGAG 753
DB 702 AATTCAAGGGATCAACCCGGAGAGAGTCAAGGAGATCAAGAGTGAAGTGTCTTCAATGAG 761
QY 754 GGGCGCGCGGTGTGATAGGAGATTAAGGTCAACCGTGAATATCAACCAATATTCAGA 813

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Db 762 GGGCCGCGCGCGTGTACGAGAGTAAAGTCAACCGTGAACATTCACCACTATTCAGA 821
Qy 814 AGCCAAGGTACAGGTGTCCCGTGGGACAAAGGGGACACTGAGTGAAGCTTCAGC 873
Db 822 AGCCAAGGTACAGGTGTCCCGTGGGACAAAGGGGACACTGAGTGAAGCTTCAGC 881
Qy 874 AGTCCCTCAGCAGCAATTCAGTGTACAGGATGACAAAGACTGATTGAAGAAAGA 933
Db 882 AGTCCCTCAGCAGCAATTCAGTGTACAGGATGACAAAGACTGATTGAAGAAAGA 941
Qy 934 AGGGGTGAAGGTGAAGAAAGACACTTCTCTCAAACTCATCTTCTCAATGTCTCGA 993
Db 942 AGGGGTGAAGGTGAAGAAAGACACTTCTCTCAAACTCATCTTCTCAATGTCTCGA 1001
Qy 994 ACATGACTATGAGAACTACACTTCTGCGTGCCTTCCAACTGAGGACACCAATGCGAG 1053
Db 1002 ACATGACTATGAGAACTACACTTCTGCGTGCCTTCCAACTGAGGACACCAATGCGAG 1061
Qy 1054 CATCATGCTATTGTGCTCCAGCGCGCTGACGAGAGTGAAGCAACGGCAAGTGAAGGGC 1113
Db 1062 CATCATGCTATTGTGCTCCAGCGCGCTGACGAGAGTGAAGCAACGGCAAGTGAAGGGC 1121
Qy 1114 AGGCTGCGTCTGCTGCTGCTCTTCTGCTCTTGTGACCTGCTTCTCAATTTTGTGTA 1173
Db 1122 AGGCTGCGTCTGCTGCTGCTCTTCTGCTCTTGTGACCTGCTTCTCAATTTTGTGTA 1181
Qy 1174 GTGCCACTTCCCGACCCCGGAGAAAGGTGCGCGCACCAACCAACCAACAGCAATG 1233
Db 1182 GTGCCACTTCCCGACCCCGGAGAAAGGTGCGCGCACCAACCAACCAACAGCAATG 1241
Qy 1234 GGAACACGACAGCAACCAATCAGATATATCAAAATGAAGAAAGCAAGCTCA 1293
Db 1242 GGAACACGACAGCAACCAATCAGATATATCAAAATGAAGAAAGCAAGCTCA 1301
Qy 1294 TGGGACAGAAATTTGAGGAGGAGGAAACAAAGAAATCTTTGGGGGAGAAAGTTTAA 1353
Db 1302 TGGGACAGAAATTTGAGGAGGAGGAAACAAAGAAATCTTTGGGGGAGAAAGTTTAA 1361
Qy 1354 AAGAAATTTGAATTTGCTTGCAGATATTAGTCAATGAGATTTTCTTTCCAAAGC 1413
Db 1362 AAGAAATTTGAATTTGCTTGCAGATATTAGTCAATGAGATTTTCTTTCCAAAGC 1421
Qy 1414 GGAAGAACAGACACACCGGCTTGGAGCCACTGGAAGCTGATGTCGAACCTTTGG 1473
Db 1422 GGAAGAACAGACACACCGGCTTGGAGCCACTGGAAGCTGATGTCGAACCTTTGG 1481
Qy 1474 TGGCAGTGTGGGCAAGGGGCTCAGCCTCTGCTGCGCACAGATGCCCCCGTGGAACTTC 1533
Db 1482 TGGCAGTGTGGGCAAGGGGCTCAGCCTCTGCTGCGCACAGATGCCCCCGTGGAACTTC 1541
Qy 1534 TGGAGCTGCGCATCCCAATTCATTCAGTCAATAGAGAGAAAGCAATGAGCCTTCGG 1593
Db 1542 TGGAGCTGCGCATCCCAATTCATTCAGTCAATAGAGAGAAAGCAATGAGCCTTCGG 1601
Qy 1594 CCCAAGCGTGGCGCTGCGGGGCACTTGTGAGACTGTGCCACACGGCGTGTGTGAAA 1653
Db 1602 CCCAAGCGTGGCGCTGCGGGGCACTTGTGAGACTGTGCCACACGGCGTGTGTGAAA 1661
Qy 1654 CGTGAATTAAGAGAGC 1670
Db 1662 CGTGAATTAAGAGAGC 1678

RESULT 559
US-10-161-572-16
; Sequence 16, Application US/10161572
; Publication No. US2003008726A1
; GENERAL INFORMATION:
; APPLICANT: EXELIXIS, INC.
; TITLE OF INVENTION: IGB AS MODIFIERS OF THE p53 PATHWAY AND METHODS OF USE
; FILE REFERENCE: EX02-09/C-PC
; CURRENT APPLICATION NUMBER: US/10/161,572

Qy 214 AGAGTGCCTCGTGGGACGCGGAGATGCACTTCCCAAGCTATGAGACAACTGACGCT 273
Db 345 AGAGTGCCTCGTGGGACGCGGAGATGCACTTCCCAAGCTATGAGACAACTGACGCT 404
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Db 465 CTGGCTAAACCGGACGACCACTCTATGCTGGGAAATGACAAAGTGTGCTGATCTCG 524
Qy 394 CTGCTCTCTCTGAGCAACCCCAAGCACTACAGATGAGATTCAGAACTGATGT 453
Db 525 CTGCTCTCTCTGAGCAACCCCAAGCACTACAGATGAGATTCAGAACTGATGT 584
Qy 454 GTATGACAGAGGCGCTTACACTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 513
Db 585 GTATGACAGAGGCGCTTACACTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 644
Qy 514 GTTCACCTCATTTGTGCAATATCTTCCCAAAATTTGAGATTTCTTCAATATCTCCAT 573
Db 645 GTTCACCTCATTTGTGCAATATCTTCCCAAAATTTGAGATTTCTTCAATATCTCCAT 704
Qy 574 TAATGAGAGGAAACAATTTGAGCTTCACTGATAGCACTGATAGCAAGGCTACAGCT 633
Db 705 TAATGAGAGGAAACAATTTGAGCTTCACTGATAGCACTGATAGCAAGGCTACAGCT 764
Qy 634 TACTTGAAGACATCTCTCCCAAGGCTTGTGAGTGAAGCAATATCTTGA 693
Db 765 TACTTGAAGACATCTCTCCCAAGGCTTGTGAGTGAAGCAATATCTTGA 824
Qy 694 AATTCAAGGATCAACCGGAGAGAGTCAAGGAGCTACAGATGAGAGGCTTCAAGTGT 753
Db 825 AATTCAAGGATCAACCGGAGAGAGTCAAGGAGCTACAGATGAGAGGCTTCAAGTGT 884
Qy 754 GGGCGCGCGGTGTGAGAGAGTAAAGGTCAACGTTGAATTCACATATCTTCA 813
Db 885 GGGCGCGCGGTGTGAGAGAGTAAAGGTCAACGTTGAATTCACATATCTTCA 944
Qy 814 AGCCAAGGTACAGGTGTCCCGTGGGACAAAGGGGACACTGAGTGAAGCTTCAGC 873
Db 945 AGCCAAGGTACAGGTGTCCCGTGGGACAAAGGGGACACTGAGTGAAGCTTCAGC 1004
Qy 874 AGTCCCTCAGCAGCAATTCAGTGTACAGGATGACAAAGACTGATTGAAGAAAGA 933
Db 1005 AGTCCCTCAGCAGCAATTCAGTGTACAGGATGACAAAGACTGATTGAAGAAAGA 1064
Qy 934 AGGGGTGAAGGTGAAGAAAGACACTTCTCTCAAACTCATCTTCTCAATGTCTCGA 993

Db 1065 AGGGGTGAAAAGTGAAAAACAGACCTTTCCTCTGAAAACTGATCTTCTCAATGCTCTGA 1124
QY 994 ACATGACTATGGAACATACACTTGGCGGCTCCCAAGAGCTGGGCACACCAATGCGAG 1053
Db 1125 ACATGACTATGGAACATACACTTGGCGGCTCCCAAGAGCTGGGCACACCAATGCGAG 1184
QY 1054 CATCATCTATTTGGTCCAGGCGCGCTGACGAGGAGCAACGCGCATCTGAGGAGGCG 1113
Db 1185 CATCATCTATTTGGTCCAGGCGCGCTGACGAGGAGCAACGCGCATCTGAGGAGGCG 1244
QY 1114 AGGCTGGCTCTGGGCTGCTGCTCTTGGGCTTGGCACTGCTCTCTCAATTTTGGATGTA 1173
Db 1245 AGGCTGGCTCTGGGCTGCTGCTCTTGGGCTTGGCACTGCTCTCTCAATTTTGGATGTA 1304
QY 1174 GTGGCACTTCCCAACCCGGGAAAAGGCTGCGCCACACCAACCAACACACAGCAATG 1233
Db 1305 GTGGCACTTCCCAACCCGGGAAAAGGCTGCGCCACACCAACCAACACAGCAATG 1364
QY 1234 GCAACACCGACAGCAACCAATCAGATATATACAAATGAATTAAGAAACACAGGCTCA 1293
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QY 1354 AAGAAATTTGAAAATGCTCTTGGCAGATATTTAGGTACAAATGGAATTTTCTTCCCAAAG 1413
Db 1485 AAGAAATTTGAAAATGCTCTTGGCAGATATTTAGGTACAAATGGAATTTTCTTCCCAAAG 1544
QY 1414 GGAAGAACACAGCACACCCGGCTTGGACCACTGCAAGCTGCACTGTCGCACTCTTGG 1473
Db 1545 GGAAGAACACAGCACACCCGGCTTGGACCACTGCAAGCTGCACTGTCGCACTCTTGG 1604
QY 1474 TGCCAGTGTGGGCAAGGAGCTCAGCTCTCTGCGCCACAGAGTGGCCCCAGTGGAACTTC 1533
Db 1605 TGCCAGTGTGGGCAAGGAGCTCAGCTCTCTGCGCCACAGAGTGGCCCCAGTGGAACTTC 1664
QY 1534 TGAGCTGGCCATCCCAATTCATTCAGTCCATAGAGCAAGCAAGATGAGAC----- 1586
Db 1665 TGAGCTGGCCATCCCAATTCATTCAGTCCATAGAGCAAGCAAGATGAGACCTTCGG 1724
QY 1587 -----CTTCCGGCCCAAGGCGTGGGCGCTGCGGCACTTTGGTGAAGCTTGCCCA 1633
Db 1725 CCCAAGCGTGGCGCTTCCGGCCCAAGGCGTGGGCGCTGCGGCACTTTGGTGAAGCTTGCCCA 1784
QY 1634 CCACGGGCGTGTGTGTAACGTGAAATTAATAAAGCAAAAAAA 1679
Db 1785 CCACGGGCGTGTGTGTAACGTGAAATTAATAAAGCAAAAAAA 1830

RESULT 560

US-10-295-027-455
Sequence 455, Application US/10295027

Publication No. US2003023250A1

GENERAL INFORMATION:

APPLICANT: Afar, Daniel

APPLICANT: Aziz, Natasha

APPLICANT: Ginsberg, Wendy M.

APPLICANT: Gish, Kurt C.

APPLICANT: Glynn, Richard

APPLICANT: Heyez, Peter A.

APPLICANT: Mack, David H.

APPLICANT: Murray, Richard

APPLICANT: Watson, Susan R.

APPLICANT: Eos Biotechnology, Inc.

TITLE OF INVENTION: Methods of Diagnosis of Cancer, Compositions and

FILE REFERENCE: 018501-012500US

CURRENT FILING DATE: 2002-11-13

PRIOR APPLICATION NUMBER: US 09/663,733

PRIOR FILING DATE: 2000-09-15

QY 214 AGAGTGCCTGGGCGCAGCAGAGATGCGACCTTCCCAAGCTATGACCAAGTGAAGCGT 273
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Query Match 85.9%; Score 1442.8; DB 1; Length 1839;
Best Local Similarity 98.5%; Pred. No. 0;
Matches 1464; Conservative 0; Mismatches 2; Indels 20; Gaps 1;

Tue Jun 8 09:37:53 2004

us-10-017-084a-522.rnpb

Page 657

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Search completed: June 8, 2004, 09:32:55
Job time : 7903 secs

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RESULT 561
US-10-306-133-2
Sequence 2, Application US/10306133
Publication No. US20030100485A1

GENERAL INFORMATION:
APPLICANT: Lal, Preeti;

Investigator: Karl J.

TITLE OF INVENTION: HUMAN NEUROTRIMIN HOMOLOG

NUMBER OF SEQUENCES: 3

CORRESPONDENCE ADDRESS:

ADDRESSES: Incyte Pharmaceuticals, Inc.

STREET: 3174 Porter Drive

CITY: Palo Alto

STATE: CA

COUNTRY: USA
ZIP: 94304
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: PastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10306.133
FILING DATE: 27-Nov. US20030100485A1-2002
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/09/009,841
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Billings, Lucy J.
REGISTRATION NUMBER: 36,749
REFERENCE/DOCKET NUMBER: PF-0463 US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-855-0555
TELEFAX: 650-845-4166
TELEX: <Unknown>
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 2129 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
IMMEDIATE SOURCE:
LIBRARY: PANCO707
CLONE: 1328320
SEQUENCE DESCRIPTION: SEQ ID NO: 2:
US-10-306-133-2
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Best Local Similarity 97.6%; Pred. No. 0;
Matches 1463; Conservative 0; Mismatches 3; Indels 33; Gaps 1;
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QY 394 CGTGTCTCTTGAAGCAACCCAAACGAGTACAGATCCAGATCCAGAACGTGGATGT 453
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QY 574 TAATGAAGGAGAAATTAAGCTCAGCTGACGATGAGCAATGGAGACGAGCTACGCT 633
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/ FILE REFERENCE: Q61459
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/ CURRENT APPLICATION NUMBER: US/10/657,103
/ CURRENT FILING DATE: 2003-09-09
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/ PRIOR APPLICATION NUMBER: US/09/700,397
/ PRIOR FILING DATE: 2001-01-05
/
/ PRIOR APPLICATION NUMBER: JP 10-131815
/ PRIOR FILING DATE: 1998-05-14
/
/ PRIOR APPLICATION NUMBER: PCT/JP99/02485
/ PRIOR FILING DATE: 1999-05-13
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QY		194	GCTGCTCTGTGTCCTTCCAAAGAGTGGCCGTGCGAGGGGAAATGGCAACCTTCCCAAA	253					
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QY		254	GCTATGACAACGTGACGGTCCGACGGGGGAGAGCGCACCTCTAGGTGACATAATGAC	313					
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 1660 1670 X
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 2020 2030 X 2040

Page 1

Results file 10017084-522_vs_u16845.res made by spaul on Fri 28 May 104 15:18:27-PDT.

Results of the initial comparison of us10017084a522 (1-1679) with:
File : ui6845.seq

PARAMETERS	
Similarity matrix	Unary
Mismatch penalty	1
Gap penalty	5.00
Gap size penalty	0.33
Cutoff score	1
Randomization group	0
	K-tuple
	Joining penalty
	Window size
	30
	500

SEARCH STATISTICS			
Scores:	Mean	Median	Standard Deviation
	1067	0	0.00
Times:	CPU		Total Elapsed
	00:00:00.00		00:00:00.00
Number of residues:		2040	
Number of sequences searched:		1	
Number of scores above cutoff:		1	

The scores below are sorted by initial score. Significance is calculated based on initial score.

A 100% identical sequence to the query sequence was not found

The list of best scores is:

Sequence Name	Description	Init.	Opt.	Stg.	Frame
1. u16845	TOIG of: u16845	check: 8993	2040	1067	1247
				0.00	0
1. us10017084a522 (1-1679)					
u16845	TOIG of: u16845	check: 8993	from: 1	to: 2040	
Initial Score =	1067	Optimized Score =	1247	Significance =	0.00
Residue Identity =	77%	Matches =	1319	Mismatches =	345
Caps =	35	Conservative Substitutions			0

1. us10017084a522 (1-1679)
 u16845 TOTG of: u16845 check: 8993 from: 1 to: 2040

Initial Score	=	1067	Optimized Score	=	1247	Significance	=	0.00
Residue Identity	=	77%	Matches	=	1319	Mismatches	=	345
Gaps	=	35	Conservative Substitutions	=			=	0

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380 390 400 410 420 430 440

[illegible]

170 180 190 200 210 220 230
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240 250 260 270 280 290 300
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590 600 610 620 630 640 650

310 320 330 340 350 360 370
ATTGACACCGGGTACCCGGGTGCTGTAAACCGACGACACATCTCTATGTGGGAATGACAACTGCA
ATTGACACCGGCTACCCGGGTGCTGTAAACCGACGACACATCTCTATGTGGGAATGACAACTGCA

80 390 400 410 420 430 440 450
TGGCTGATTCCTGGGTGGTCTTCTGAGCAACCCAGAGTACACATCGAGTCCAGACGTGGAA
TGGCTGATTCCTGGGTGGTCTTCTGAGCAACCCAGAGTACACATCGAGTCCAGACGTGGAA
TGGCTGATTCCTGGGTGGTCTTCTGAGCAACCCAGAGTACACATCGAGTCCAGACGTGGAA

460 470 480 490 500 510 520
GTGTATGACGAGGGCCCTTACACCTGCTCGGTGACGACACACACACCCGAAAGACTCTTAGGGTCCACTT
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ATTGTCACAGTATCTCCAAATTTAGAGATTTCTTACATATCTCATTAATGAAGGGAACAATATTAG
530 540 550 560 570 580 590
ATTGTCACAGTATCTCCAAATTTAGAGATTTCTTACATATCTCATTAATGAAGGGAACAATATTAG
530 540 550 560 570 580 590

880 890 900 910 920 930 940 950 960 970

600 610 620 630 640 650 660

CTCACTGCATAGCAACTGTTAGACCAAGGCTTACGGTTACTTGGAGACATCTTCCCAAAAGCGGTTGG
CTCACTTGGATAGCCACAAGTAGACCGGAGGCTCAGTAACCTTGGAGACATATTCTTCCAAAGCTGTGGG